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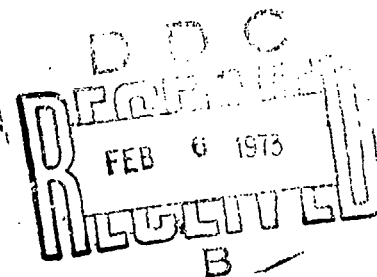
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INTERCORRELATIONS AND SELECTED DESCRIPTIVE STATISTICS
FOR 98 ANTHROPOMETRIC MEASURES ON
1549 NAVAL AVIATION PERSONNEL

LT William F. Moroney, MSC, USN

and

Margaret J. Smith, Ph.D.



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NAVAL AEROSPACE MEDICAL RESEARCH LABORATORY
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INTERCORRELATIONS AND SELECTED DESCRIPTIVE STATISTICS FOR 96
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NAVAL AVIATION PERSONNEL

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SUMMARY PAGE

THE PROBLEM

A previous report by Moroney and Smith showed the need for designers to consider the correlations between anthropometric features when designing workspaces. It was proposed that both the correlations between anthropometric features and normal bivariate distributions for specific correlations be made available to designers.

THE FINDINGS

This report makes the correlations between 96 anthropometric features available to designers. The bivariate normal frequency distributions will be made available in subsequent reports.

INTRODUCTION

An earlier report by Moroney and Smith (6) demonstrated an extreme reduction in potential user population as a result of the use of pre-established anthropometric percentile design limits. They examined thirteen cockpit/console-related anthropometric features of 1547 naval aviation personnel to determine the per cent of individuals not included within the routinely imposed 5th and 95th and 3rd and 98th percentile limits. When the 5th and 95th percentile limits were used, 52.6 per cent of the potential user population exceeded these limits for at least one of the thirteen anthropometric features. When the 3rd and 98th percentile limits were used, 32.2 per cent of the potential user population exceeded these limits for at least one of the thirteen anthropometric features. The elimination of such a considerable proportion of the potential user population results from the fact that variables used in establishing design limits are often only moderately correlated with one another, and persons with extreme values on one variable are likely to be near average on another. Moroney and Smith proposed the use of generalized bivariate normal frequency distributions. These distributions were derived, in part, from data contained in Tables of the Bivariate Normal Distribution Functions and Related Functions (7). Twenty-five bivariate normal frequency distributions were prepared for specific correlation values (from 0.00 to 0.95 in steps of 0.05 and from 0.96 - 1.00 in steps of 0.01) and are reported in both tabular (8) and figure (9) format.

If designers are aware of the correlations between the anthropometric features of interest, they can consult either the tables or the figures and determine, at least for two variables, what proportion of the population their design decisions will include or exclude. The purpose of this report is to make those required correlational data available to designers.

Designers who might employ these correlation tables are cautioned to use correlations derived from a population most similar to that to which the results will be applied. Considerable differences may exist among the inter-correlations between variables for different populations. These differences can most probably be attributed to the unique characteristics of the population (race, age, etc.) and/or to artificial restrictions imposed for acceptance into the population (e.g., within military organizations minimum and maximum weights are established for specified heights). The correlation between height and weight can provide a useful illustration: for the sample of naval aviators under consideration $r = .537$; for USAF women $r = .533$ (2); and for U. S. Army aviators $r = .442$ (1).

PROCEDURE

In 1965, Gifford, Provost and Lazo (4) reported on 96 anthropometric features of 1549 naval aviation personnel, who satisfied their criterion as naval aviators. Their sample size comprised slightly more than 10 per cent of the Navy and Marine Corps aviator population. The correlations coefficients contained in the following tables were computed on these data. A listing of the anthropometric features comprising the 96 x 96 correlation matrix is presented on page four. Definitions and descriptions of the measurements collected are contained in a report by Hertzberg, Daniels and Churchill (5).

In addition to the correlations, some common statistical measures were chosen to summarize the measurement data. Briefly described the statistics are:

- 1) Mean - Specifically, the arithmetic mean or average which is the sum of the values (ΣX) divided by the number of values (N).

$$(M = \frac{\Sigma X}{N})$$

- 2) Standard Deviation - A basic measure of variability about the mean.

$$(SD = \frac{\Sigma (X-M)^2}{N})$$

- 3) Range - Statement of the highest and lowest values.
- 4) Median - That point below or above which half of the measurements collected for a particular anthropometric feature fall (50th percentile).
- 5) 2nd percentile - A point at or below which 2 per cent of the measurements fall.
- 6) 98th percentile - A point at or below which 98 per cent of the measurements fall.
- 7) Skewness - A measure of symmetry of the distribution of values. Negative values of skewness indicate a distribution with the left tail extending out further than the right tail, and positive values indicate the converse. A normal distribution has a skewness of 0.

$$(SKEW = \frac{\Sigma (X-M)^3}{N(SD)^3})$$

- 8) Kurtosis - A measure which describes the shape of the distributions. Negative values of kurtosis indicate a flat or platykurtic distribution, a rectangular distribution has a kurtosis of -2, the maximum negative value. Positive values indicate a peaked or leptokurtic distribution. A normal distribution (mesokurtic) has a kurtosis of 0.

$$(\text{Kurtosis} = \frac{\sum (X-M)^4}{N(SD)^4} - 3)$$

Readers desiring a more detailed description of the above terms, particularly as they relate to anthropometry, may examine the works of Churchill, McConville, Laubach and White (1), or Damon, Stoudt and MaFarland (3).

LISTING OF ANTHROPOMETRIC FEATURES

Table Number	Feature	Table Number	Feature
MASS MEASUREMENT		FOOT MEASUREMENTS	
1	Weight	52	Foot Length
LENGTH MEASUREMENTS		53	Foot Breadth
2	Stature	HAND MEASUREMENTS	
3	Tragion Height	54	Hand Length
4	Cervicale Height	55	Hand Breadth
5	Suprasternale Height	56	Hand Breadth at Thumb
6	Nipple (Chest) Height	57	Thickness at Metacarpal III
7	Waist Height	58	Hand Circumference
8	Penale Height	59	Hand Circumference at Thumb
9	Gluteal Furrow Height	HEAD & FACE MEASUREMENTS	
10	Crotch Height	60	Head Circumference
11	Patella Height	61	Sagittal Arc
12	Sitting Height	62	Bitragion-Coronal Arc
13	Eye Height Sitting	63	Bitragion-Minimum Frontal Arc
14	Shoulder Height Sitting	64	Bitragion-Subnasale Arc
15	Elbow Rest Height	65	Bitragion-Menton Arc
16	Knee Height Sitting	66	Bitragion-Submandibular Arc
17	Popliteal Height Sitting	67	Bitragion-Inion Arc
18	Buttock-Popliteal Length	68	Head Length
19	Buttock-Knee Length	69	Tragion to Wall
20	Shoulder-Elbow Length	70	Nasal Root to Wall
21	Forearm-Hand Length	71	Pronasale to Wall
22	Functional Reach	72	External Canthus to Wall
BREADTH MEASUREMENTS		73	Head Breadth
23	Bideltoid Diameter	74	Bitragion Diameter
24	Chest Breadth	75	Maximum Frontal Diameter
25	Waist Breadth	76	Bizygomatic Diameter
26	Hip Breadth	77	Bigonial Diameter
27	Chest Depth	78	Biocular Diameter
28	Waist Depth	79	Interpupillary Distance
29	Buttock Depth	80	Interocular Diameter
30	Hip Breadth-Sitting	81	Nasal Root Breadth
CIRCUMFERENCE & BODY SURFACE MEASUREMENTS		82	Nose Breadth
31	Neck Circumference	83	Lip Length
32	Shoulder Circumference	84	Menton-Subnasale Length
33	Chest Circumference	85	Menton-Vertex Height
34	Waist Circumference	86	Head Height (Tragion to Vertex)
35	Buttock Circumference	87	Lip-to-Lip Distance
36	Buttock Circumference Sitting	88	Nose Length
37	Thigh Circumference	89	Nose Protrusion
38	Lower Thigh Circumference	90	Ear Length
39	Calf Circumference	91	Ear Breadth
40	Ankle Circumference	92	Ear Protrusion
41	Scye Circumference	SKINFOLD MEASUREMENTS	
42	Axillary Arm Circumference	93	Subscapular Skinfold
43	Biceps Circumference	94	Juxta-Nipple Skinfold
44	Lower Arm Circumference	95	Back of Arm Skinfold
45	Wrist Circumference	96	Mid/Axillary Line at Umbilicus Skinfold
46	Sleeve Inseam		
47	Sleeve Length (Spine-Wrist)		
48	Gluteal Arc		
49	Vertical Trunk Circumference		
50	Interscye		
51	Interscye Maximum		

No. 1. Weight

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	171.40	19.09	110.0 - 244.0	133.4	171.0	212.5	0.1840	0.1265
2. Stature	.537							.481
3. Tragon Height	.532							.505
4. Cervicale Height	.538							.188
5. Suprasternale Height	.567							.280
6. Nipple (Chest) Height	.493							.168
7. Waist height	.433							.283
8. Penale Height	.382							.333
9. Gluteal Furrow Height	.420							.275
10. Crotch Height	.353							.288
11. Patella Height	.438							.386
12. Sitting Height	.421							.247
13. Eye Height Sitting	.424							.334
14. Shoulder Height Sitting	.422							.346
15. Elbow Rest Height	.205							.192
16. Knee Height Sitting	.519							.164
17. Popliteal Height Sitting	.286							.106
18. Buttock-Popliteal Length	.500							.145
19. Buttock-Knee Length	.367							.227
20. Shoulder-Elbow Length	.435							.167
21. Forearm-Hand Length	.420							.144
22. Functional Reach	.712							.132
23. Bideltoid Diameter	.682							.139
24. Chest Breadth	.796							.028
25. Waist Breadth	.757							.118
26. Hip Breadth	.694							.134
27. Chest Depth	.711							.248
28. Waist Depth	.751							.174
29. Buttock Depth	.771							.059
30. Hip Breadth-Sitting	.630							.516
31. Neck Circumference	.773							.493
32. Shoulder Circumference								.357
								.539
33. Chest Circumference	.807							
34. Waist Circumference	.819							65. Bitragion-Menton Arc
35. Buttock Circumference	.893							66. Bitragion-Submandibular Arc
36. Buttock Circumference Sitting	.881							67. Bitragion-Inion Arc
37. Thigh Circumference	.830							68. Head Length
38. Lower Thigh Circumference	.723							69. Tragon to Wall
39. Calf Circumference	.734							70. Nasal Root to Wall
40. Ankle Circumference	.651							71. Pronasale to Wall
41. Scye Circumference	.705							72. External Canthus to Wall
42. Axillary Arm Circumference	.727							73. Head Breadth
43. Biceps Circumference	.726							74. Bitragion Diameter
44. Lower Arm Circumference	.675							75. Maximum Frontal Diameter
45. Wrist Circumference	.591							76. Bizygomatic Diameter
46. Sleeve Inseam	.262							77. Bigonial Diameter
47. Sleeve Length (Spine-Wrist)	.564							78. Biocular Diameter
48. Gluteal Arc	.249							79. Interpupillary Distance
49. Vertical Trunk Circumference	.795							80. Interocular Diameter
50. Interscye	.449							81. Nasal Root Breadth
51. Interscye Maximum	.573							82. Nose Breadth
52. Foot Length	.448							83. Lip Length
53. Foot Breadth	.284							84. Menton-Subnasale Length
54. Hand Length	.350							85. Menton-Vertex Height
55. Hand Breadth	.396							86. Head Height (Tragon to Vertex)
56. Hand Breadth at Thumb	.430							87. Lip-to-Lip Distance
57. Thickness at Metacarpal III	.296							88. Nose Length
58. Hand Circumference	.430							89. Nose Protrusion
59. Hand Circumference at Thumb	.513							90. Ear Length
60. Head Circumference	.399							91. Ear Breadth
61. Sagittal Arc	.112							92. Ear Protrusion
62. Bitragion-Coronal Arc	.237							93. Subscapular Skinfold
63. Bitragion-Minimum Frontal Arc	.315							94. Juxta-Nipple Skinfold
64. Bitragion-Subnasale Arc	.407							95. Back of Arm Skinfold
								96. Mid/Axillary Line at Umbilious Skin Fold

No. 2. Stature	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
	69.94	2.33	63.5 - 77.1	65.5	69.9	74.7	0.1331	-0.3764
1. Weight	.537							
2. Stature								
3. Tragon Height	.986							
4. Cervicale Height	.962							
5. Suprasternale Height	.964							
6. Nipple (Chest) Height	.933							
7. Waist height	.905							
8. Penale Height	.827							
9. Gluteal Furrow Height	.850							
10. Crotch Height	.823							
11. Patella Height	.772							
12. Sitting Height	.760							
13. Eye Height Sitting	.734							
14. Shoulder Height Sitting	.630							
15. Elbow Rest Height	.206							
16. Knee Height Sitting	.813							
17. Popliteal Height Sitting	.774							
18. Buttock-Popliteal Length	.669							
19. Buttock-Knee Length	.774							
20. Shoulder-Elbow Length	.676							
21. Forearm-Hand Length	.762							
22. Functional Reach	.672							
23. Bifoloid Diameter	.327							
24. Chest Breadth	.223							
25. Waist Breadth	.285							
26. Hip Breadth	.411							
27. Chest Depth	.171							
28. Waist Depth	.166							
29. Buttock Depth	.177							
30. Hip Breadth-Sitting	.366							
31. Neck Circumference	.233							
32. Shoulder Circumference	.291							
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitragion-Coronal Arc								
63. Bitragion-Minimum Frontal Arc								
64. Bitragion-Subnasale Arc								
65. Bitragion-Menton Arc								
66. Bitragion-Submandibular Arc								
67. Bitragion-Inion Arc								
68. Head Length								
69. Tragon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitragion Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bizonial Diameter								
78. Biocular Diameter								
79. Interpupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Tragon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. Back of Arm Skinfold								
96. Mid/Axillary Line at Umbilicus Skin Fold								

No.	3. Tragon Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.532							.319
2.	Stature	.986							.298
3.	Tragon Height								.116
4.	Cervicale Height	.960							.202
5.	Suprasternale Height	.967							.113
6.	Nipple (Chest) Height	.937							.214
7.	Waist height	.907							.297
8.	Penale Height	.832							.202
9.	Gluteal Furrow Height	.853							.097
10.	Crotch Height	.830							.157
11.	Patella Height	.772							.116
12.	Sitting Height	.746							.113
13.	Eye Height Sitting	.732							.090
14.	Shoulder Height Sitting	.627							.138
15.	Elbow Rest Height	.205							.123
16.	Knee Height Sitting	.809							.053
17.	Popliteal Height Sitting	.769							.073
18.	Buttock-Popliteal Length	.673							.055
19.	Buttock-Knee Length	.774							.062
20.	Shoulder-Elbow Length	.674							.182
21.	Forearm-Hand Length	.760							.182
22.	Functional Reach	.676							.124
23.	Bideltoid Diameter	.324							.132
24.	Chest Breadth	.216							.171
25.	Waist Breadth	.279							.163
26.	Hip Breadth	.406							.184
27.	Chest Depth	.168							.168
28.	Waist Depth	.163							.083
29.	Buttock Depth	.169							-.039
30.	Hip Breadth-Sitting	.350							.002
31.	Neck Circumference	.228							-.030
32.	Shoulder Circumference	.293							.046
33.	Chest Circumference				.224				
34.	Waist Circumference				.214				
35.	Buttock Circumference				.350				
36.	Buttock Circumference Sitting				.359				
37.	Thigh Circumference				.206				
38.	Lower Thigh Circumference				.211				
39.	Calf Circumference				.248				
40.	Ankle Circumference				.345				
41.	Scye Circumference				.338				
42.	Axillary Arm Circumference				.141				
43.	Biceps Circumference				.152				
44.	Lower Arm Circumference				.299				
45.	Wrist Circumference				.422				
46.	Sleeve Inseam				.715				
47.	Sleeve Length (S-nine-Wrist)				.717				
48.	Gluteal Arc				.358				
49.	Vertical Trunk Circumference				.624				
50.	Interscye				.173				
51.	Interscye Maximum				.267				
52.	Foot Length				.657				
53.	Foot Breadth				.245				
54.	Hand Length				.594				
55.	Hand Breadth				.391				
56.	Hand Breadth at Thumb				.447				

No. 4.	Cervicale Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.538							
2.	Stature	.962							
3.	Tragion Height	.960							
4.	Cervicale Height	.948							
5.	Suprasternale Height	.917							
6.	Nipple (Chest) Height	.903							
7.	Waist height	.836							
8.	Penale Height	.867							
9.	Gluteal Furrow Height	.820							
10.	Crotch Height	.777							
11.	Patella Height	.696							
12.	Sitting Height	.571							
13.	Eye Height Sitting	.622							
14.	Shoulder Height Sitting	.184							
15.	Elbow Rest Height	.826							
16.	Knee Height Sitting	.778							
17.	Popliteal Height Sitting	.686							
18.	Buttock-Popliteal Length	.795							
19.	Buttock-Knee Length	.698							
20.	Shoulder-Elbow Length	.762							
21.	Forearm-Hand Length	.661							
22.	Functional Reach	.330							
23.	Bideltoid Diameter	.226							
24.	Chest Breadth	.316							
25.	Waist Breadth	.411							
26.	Hip Breadth	.194							
27.	Chest Depth	.198							
28.	Waist Depth	.199							
29.	Buttock Depth	.385							
30.	Hip Breadth-Sitting	.231							
31.	Neck Circumference	.292							
32.	Shoulder Circumference								
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Soye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No. 5. Suprasternale Height	Mean	S. D.	Range	2nd Percentile	Median	50th Percentile	Skewness	Kurtosis
1. Weight	.567							
2. Stature	.964							.320
3. Tragon Height	.967							.307
4. Carvicale Height	.948							.111
5. Suprasternale Height								.214
6. Nipple (Chest) Height	.952							.120
7. Waist height	.912							.225
8. Penale Height	.840							.302
9. Gluteal Furrow Height	.867							.215
10. Crotch Height	.839							.110
11. Patella Height	.793							.171
12. Sitting Height	.687							.132
13. Eye Height Sitting	.674							.127
14. Shoulder Height Sitting	.604							.115
15. Elbow Rest Height	.179							.148
16. Knee Height Sitting	.823							.127
17. Popliteal Height Sitting	.764							.047
18. Buttock-Popliteal Length	.686							.075
19. Buttock-Knee Length	.802							.064
20. Shoulder-Elbow Length	.674							.067
21. Forearm-Hand Length	.757							.164
22. Functional Reach	.679							.175
23. Bideloid Diameter	.348							.132
24. Chest Breadth	.256							.125
25. Waist Breadth	.330							.163
26. Hip Breadth	.436							.166
27. Chest Depth	.226							.190
28. Waist Depth	.211							.174
29. Buttock Depth	.224							.079
30. Hip Breadth-Sitting	.382							.015
31. Neck Circumference	.251							.049
32. Shoulder Circumference	.328							.003
33. Chest Circumference			51.3 - 63.6	53.2	57.1	61.4	0.1227	- 0.3988
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitracion-Coronal Arc								
63. Bitracion-Minimum Frontal Arc								
64. Bitracion-Subnasale Arc								
65. Bitracion-Menton Arc	.279							
66. Bitracion-Submandibular Arc	.266							
67. Bitracion-Inion Arc	.388							
68. Head Length	.400							
69. Tragon to Wall	.250							
70. Nasal Root to Wall	.246							
71. Pronasale to Wall	.274							
72. External Canthus to Wall	.352							
73. Head Breadth	.367							
74. Bitracion Diameter	.181							
75. Maximum Frontal Diameter	.197							
76. Bizygomatic Diameter	.320							
77. Bizonial Diameter	.420							
78. Biocular Diameter	.709							
79. Interpupillary Distance	.726							
80. Interocular Diameter	.553							
81. Nasal Root Breadth	.636							
82. Nose Breadth	.185							
83. Lip Length	.290							
84. Menton-Subnasale Length	.648							
85. Menton-Ver ex Height	.236							
86. Head Height (Tragon to Vertex)	.588							
87. Lip o-Lip Distance	.379							
88. Nose Length	.433							
89. Nose Protrusion	.210							
90. Ear Length	.379							
91. Ear Breadth	.430							
92. Ear Protrusion	.230							
93. Subscapular Skinfold	.105							
94. Juxta-Nipple Skinfold	.194							
95. Back of Arm Skinfold	.167							
96. Mid/Axillary Line at Umbilious Skin Fold	.228							

No. 6.	Nipple (Chest) Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		51.08	2.02	44.8 - 57.1	47.3	51.0	55.3	0.0985	-0.3522
1.	Weight	.493							.291
2.	Stature	.933							.274
3.	Tragion Height	.937							.072
4.	Caricale Height	.917							.196
5.	Suprasternale Height	.952							.085
6.	Nipple (Chest) Height								.193
7.	Waist height	.908							.279
8.	Penale Height	.836							.188
9.	Gluteal Furrow Height	.863							.098
10.	Crotch Height	.834							.155
11.	Patella Height	.780							.124
12.	Sitting Height	.639							.098
13.	Eye Height Sitting	.638							.063
14.	Shoulder Height Sitting	.588							.147
15.	Elbow Rest Height	.166							.131
16.	Knee Height Sitting	.811							.059
17.	Popliteal Height Sitting	.749							.100
18.	Buttock-Popliteal Length	.680							.049
19.	Buttock-Knee Length	.777							.091
20.	Shoulder-Elbow Length	.666							.145
21.	Forearm-Hand Length	.723							.156
22.	Functional Reach	.639							.124
23.	Bideltoid Diameter	.303							.139
24.	Chest Breadth	.577							.163
25.	Waist Breadth	.267							.183
26.	Hip Breadth	.376							.170
27.	Chest Depth	.178							.162
28.	Waist Depth	.152							.089
29.	Buttock Depth	.171							-.024
30.	Hip Breadth-Sitting	.322							.003
31.	Neck Circumference	.196							-.026
32.	Shoulder Circumference	.260							.048
33.	Chest Circumference				.223				
34.	Waist Circumference				.196				
35.	Buttock Circumference				.320				
36.	Buttock Circumference Sitting				.337				
37.	Thigh Circumference				.190				
38.	Lower Thigh Circumference				.211				
39.	Calf Circumference				.227				
40.	Ankle Circumference				.306				
41.	Scye Circumference				.317				
42.	Axillary Arm Circumference				.116				
43.	Biceps Circumference				.145				
44.	Lower Arm Circumference				.273				
45.	Wrist Circumference				.376				
46.	Sleeve Inseam				.716				
47.	Sleeve Length (Spine-Wrist)				.676				
48.	Gluteal Arc				.357				
49.	Vertical Trunk Circumference				.568				
50.	Interscye				.160				
51.	Interscye Maximum				.240				
52.	Foot Length				.598				
53.	Foot Breadth				.248				
54.	Hand Length				.565				
55.	Hand Breadth				.356				
56.	Hand Breadth at Thumb				.405				
57.	Thickness at Metacarpal III				.172				
58.	Hand Circumference				.352				
59.	Hand Circumference at Thumb				.390				
60.	Head Circumference				.200				
61.	Sagittal Arc				.071				
62.	Bitragion-Coronal Arc				.162				
63.	Bitragion-Minimum Frontal Arc				.152				
64.	Bitragion-Subnasale Arc				.215				
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasai Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Unobscured Skin Fold								

No. 7. Waist Height

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.433							.260
2. Stature	.905							.222
3. Trignon Height	.907							.086
4. Cervical Height	.903							.180
5. Suprasternal Height	.912							.109
6. Nipple (Chest) Height	.908							.189
7. Waist height								.273
8. Penile Height	.915							.182
9. Gluteal Furrow Height	.896							.078
10. Crotch Height	.880							.125
11. Patella Height	.800							.113
12. Sitting Height	.547							.100
13. Eye Height Sitting	.533							.077
14. Shoulder Height Sitting	.475							.150
15. Elbow Rest Height	.045							.122
16. Knee Height Sitting	.824							.048
17. Popliteal Height Sitting	.813							.075
18. Buttock-Popliteal Length	.691							.033
19. Buttock-Knee Length	.781							.046
20. Shoulder-Elbow Length	.669							.159
21. Forearm-Hand Length	.761							.138
22. Functional Reach	.674							.118
23. Bideloid Diameter	.271							.148
24. Chest Breadth	.160							.148
25. Waist Breadth	.212							.139
26. Hip Breadth	.315							.129
27. Chest Depth	.123							.131
28. Waist Depth	.070							.059
29. Buttock Depth	.085							-.072
30. Hip Breadth-Sitting	.264							-.033
31. Neck Circumference	.161							-.047
32. Shoulder Circumference	.242							.029
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitrignon-Coronal Arc								
63. Bitrignon-Minimum Frontal Arc								
64. Bitrignon-Subnasale Arc								
65. Bitrignon-Menton Arc								
66. Bitrignon-Submandibular Arc								
67. Bitrignon-Inion Arc								
68. Head Length								
69. Trignon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitrignon Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bigonial Diameter								
78. Biocular Diameter								
79. Interpupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Trignon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. -k of Arm Skinfold								
96. xillary Line at Umbilicus Skin Fold								

No. 8. Penale Height

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.382							.217
2. Stature	.827							.183
3. Tragon Height	.832							.088
4. Cervicale Height	.836							.173
5. Suprasternale Height	.840							.114
6. Nipple (Chest) Height	.836							.182
7. Waist height	.915							.251
8. Penale Height								.168
9. Gluteal Furrow Height	.873							.052
10. Crotch Height	.888							.098
11. Patella Height	.789							.096
12. Sitting Height	.402							.077
13. Eye Height Sitting	.396							.063
14. Shoulder Height Sitting	.326							.147
15. Elbow Rest Height	.081							.089
16. Knee Height Sitting	.787							.023
17. Popliteal Height Sitting	.807							.067
18. Buttock-Popliteal Length	.681							.016
19. Buttock-Knee Length	.769							.007
20. Shoulder-Elbow Length	.633							.125
21. Forearm-Hand Length	.748							.105
22. Functional Reach	.676							.077
23. Bideloid Diameter	.243							.152
24. Chest Breadth	.134							.102
25. Waist Breadth	.202							.115
26. Hip Breadth	.270							.100
27. Chest Depth	.108							.119
28. Waist Depth	.046							.035
29. Buttock Depth	.050							.091
30. Hip Breadth-Sitting	.211							.067
31. Neck Circumference	.144							.033
32. Shoulder Circumference	.235							.035
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitracion-Coronal Arc								
63. Bitracion-Minimum Frontal Arc								
64. Bitracion-Subnasale Arc								
65. Bitracion-Menton Arc								
66. Bitracion-Submandibular Arc								
67. Bitracion-Inion Arc								
68. Head Length								
69. Tragon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitracion Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bigonial Diameter								
78. Biocular Diameter								
79. Interpupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Tragon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. Back of Arm Skinfold								
96. Mid/Axillary Line at Umbilical Skin Fold								

No. 9. Gluteal Furrow Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.420							
2. Stature	.850							
3. Tragon Height	.853							
4. Cervicale Height	.867							
5. Suprasternale Height	.867							
6. Nipple (Chest) Height	.863							
7. Waist height	.890							
8. Penale Height	.873							
9. Gluteal Furrow Height								
10. Crotch Height	.887							
11. Patella Height	.800							
12. Sitting Height	.435							
13. Eye Height Sitting	.435							
14. Shoulder Height Sitting	.392							
15. Elbow Rest Height	.071							
16. Knee Height Sitting	.846							
17. Popliteal Height Sitting	.808							
18. Buttock-Popliteal Length	.698							
19. Buttock-Knee Length	.794							
20. Shoulder Elbow Length	.699							
21. Forearm-Hand Length	.759							
22. Functional Reach	.671							
23. Bideloid Diameter	.267							
24. Chest Breadth	.187							
25. Waist Breadth	.263							
26. Hip Breadth	.303							
27. Chest Depth	.189							
28. Waist Depth	.136							
29. Buttock Depth	.123							
30. Hip Breadth-Sitting	.266							
31. Neck Circumference	.198							
32. Shoulder Circumference	.248							
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitracion-Coronal Arc								
63. Bitracion-Minimum Frontal Arc								
64. Bitracion-Subnasale Arc								
65. Bitracion-Menton Arc								
66. Bitracion-Submandibular Arc								
67. Bitracion-Inion Arc								
68. Head Length								
69. Tragon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitracion Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bigonial Diameter								
78. Siocular Diameter								
79. Interupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Tragon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. Back of Arm Skinfold								
96. Mid/Axillary Line at Umbilicus Skin Fold								

No.	10. Crotch Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.353							
2.	Stature	.823							.207
3.	Tragion Height	.830							.185
4.	Cervicale Height	.820							.064
5.	Suprasternale Height	.839							.136
6.	Nipple (Chest) Height	.834							.098
7.	Waist height	.880							.156
8.	Penale Height	.888							.245
9.	Gluteal Furrow Height	.887							.137
10.	Crotch Height								.057
11.	Patella Height	.773							.084
12.	Sitting Height	.393							.106
13.	Eye Height Sitting	.394							.101
14.	Shoulder Height Sitting	.331							.057
15.	Elbow Rest Height	.082							.144
16.	Knee Height Sitting	.781							.087
17.	Popliteal Height Sitting	.810							.007
18.	Buttock-Popliteal Length	.683							.079
19.	Buttock-Knee Length	.766							.003
20.	Shoulder-Elbow Length	.636							.029
21.	Forearm-Hand Length	.754							.105
22.	Functional Reach	.689							.077
23.	Bideltoid Diameter	.185							.067
24.	Chest Breadth	.130							.139
25.	Waist Breadth	.185							.120
26.	Hip Breadth	.274							.145
27.	Chest Depth	.095							.091
28.	Waist Depth	.068							.130
29.	Buttock Depth	.046							.047
30.	Hip Breadth-Sitting	.176							.116
31.	Neck Circumference	.165							.074
32.	Shoulder Circumference	.196							.007
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Sole Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No. 11. Patella Height

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
20.98	1.05	18.0 - 24.6	18.9	21.0	23.2	0.1290	-0.2094

1. Weight	.438	33. Chest Circumference	.236	65. Bitrignon-Menton Arc	.285
2. Stature	.772	34. Waist Circumference	.235	66. Bitrignon-Submandibular Arc	.275
3. Trignon Height	.772	35. Buttock Circumference	.271	67. Bitrignon-Inion Arc	.006
4. Cervicale Height	.777	36. Buttock Circumference Sitting	.295	68. Head Length	.193
5. Suprasternale Height	.793	37. Thigh Circumference	.161	69. Trignon to Wall	.076
6. Nipple (Chest) Height	.780	38. Lower Thigh Circumference	.211	70. Nasal Root to Wall	.192
7. Waist height	.800	39. Calf Circumference	.203	71. Pronasale to Wall	.291
8. Penale Height	.789	40. Ankle Circumference	.287	72. External Canthus to Wall	.188
9. Gluteal Furrow Height	.800	41. Scye Circumference	.332	73. Head Breadth	.106
10. Crotch Height	.773	42. Axillary Arm Circumference	.109	74. Bitrignon Diameter	.163
11. Patella Height	.393	43. Biceps Circumference	.155	75. Maximum Frontal Diameter	.114
12. Sitting Height	.472	44. Lower Arm Circumference	.275	76. Bizygomatic Diameter	.094
13. Eye Height Sitting	.357	45. Wrist Circumference	.347	77. Bigonial Diameter	.000
14. Shoulder Height Sitting	.063	46. Sleeve Inseam	.689	78. Biocular Diameter	.187
15. Elbow Rest Height	.822	47. Sleeve Length (Spine-Wrist)	.627	79. Interpupillary Distance	.158
16. Knee Height Sitting	.735	48. Gluteal Arc	.240	80. Interocular Diameter	.096
17. Popliteal Height Sitting	.593	49. Vertical Trunk Circumference	.386	81. Nasal Root Breadth	.124
18. Buttock-Popliteal Length	.700	50. Interscye	.202	82. Nose Breadth	.086
19. Buttock-Knee Length	.633	51. Interscye Maximum	.222	83. Lip Length	.135
20. Shoulder-Elbow Length	.700	52. Foot Length	.551	84. Menton-Subnasale Length	.132
21. Forearm-Hand Length	.617	53. Foot Breadth	.278	85. Menton-Vertex Height	.091
22. Functional Reach	.312	54. Hand Length	.547	86. Head Height (Trignon to Vertex)	.120
23. Bideloid Diameter	.240	55. Hand Breadth	.357	87. Lip-to-Lip Distance	.158
24. Chest Breadth	.319	56. Hand Breadth at Thumb	.382	88. Nose Length	.143
25. Waist Breadth	.322	57. Thickness at Metacarpal III	.155	89. Nose Protrusion	.195
26. Hip Breadth	.213	58. Hand Circumference	.366	90. Ear Length	.147
27. Chest Depth	.183	59. Hand Circumference at Thumb	.391	91. Ear Breadth	.167
28. Waist Depth	.185	60. Head Circumference	.192	92. Ear Protrusion	.090
29. Buttock Depth	.292	61. Sagittal Arc	.009	93. Subscapular Skinfold	-.031
30. Hip Breadth Sitting	.227	62. Bitrignon-Coronal Arc	.141	94. Juxta-Nipple Skinfold	.010
31. Neck Circumference	.226	63. Bitrignon-Minimum Frontal Arc	.170	95. Back of Arm Skinfold	-.010
32. Shoulder Circumference		64. Bitrignon-Subnasale Arc	.215	96. Mid/Axillary Line at Umbilicus Skin Fold	.035

No. 13. Eye Height Sitting

No.	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.424							.277
2. Stature	.734							.258
3. Tragon Height	.732							.089
4. Cervicale Height	.671							.168
5. Suprasternale Height	.674							.046
6. Nipple (Chest) Height	.638							.163
7. Waist height	.533							.210
8. Penale Height	.396							.152
9. Gluteal Furrow Height	.435							.113
10. Crotch Height	.394							.162
11. Patella Height	.402							.077
12. Sitting Height	.924							.121
13. Eye Height Sitting	.788							.046
14. Shoulder Height Sitting	.544							.081
15. Elbow Rest Height	.467							.090
16. Knee Height Sitting	.402							.067
17. Popliteal Height Sitting	.322							.051
18. Buttock-Popliteal Length	.392							.062
19. Buttock-Knee Length	.428							.073
20. Shoulder-Elbow Length	.438							.211
21. Forearm-Hand Length	.357							.199
22. Functional Reach	.287							.144
23. Bideloid Diameter	.170							.097
24. Chest Breadth	.177							.145
25. Waist Breadth	.353							.101
26. Hip Breadth	.093							.151
27. Chest Depth	.090							.129
28. Waist Depth	.145							.087
29. Buttock Depth	.328							-.038
30. Hip Breadth-Sitting	.229							-.007
31. Neck Circumference	.224							-.049
32. Shoulder Circumference								-.004
33. Chest Circumference	.144							
34. Waist Circumference	.116							65. Bitragon-Menton Arc
35. Buttock Circumference	.306							66. Bitragon-Submandibular Arc
36. Buttock Circumference Sitting	.321							67. Bitragon-Inion Arc
37. Thigh Circumference	.188							68. Head Length
38. Lower Thigh Circumference	.198							69. Tragon to Wall
39. Calf Circumference	.238							70. Nasal Root to Wall
40. Ankle Circumference	.298							71. Pronasale to Wall
41. Scye Circumference	.278							72. External Canthus to Wall
42. Axillary Arm Circumference	.104							73. Head Breadth
43. Biceps Circumference	.169							74. Bitragon Diameter
44. Lower Arm Circumference	.259							75. Maximum Frontal Diameter
45. Wrist Circumference	.397							76. Bizygomatic Diameter
46. Sleeve Inseam	.373							77. Bigonial Diameter
47. Sleeve Length (Spine-Wrist)	.441							78. Biocular Diameter
48. Gluteal Arc	.388							79. Interpupillary Distance
49. Vertical Trunk Circumference	.639							80. Interocular Diameter
50. Interscye	.113							81. Nasal Root Breadth
51. Interscye Maximum	.235							82. Nose Breadth
52. Foot Length	.424							83. Lip Length
53. Foot Breadth	.227							84. Menton-Subnasale Length
54. Hand Length	.399							85. Menton-Vertex Height
55. Hand Breadth	.343							86. Head Height (Tragon to Vertex)
56. Hand Breadth at Thumb	.401							87. Lip-to-Lip Distance
57. Thickness at Metacarpal III	.183							88. Nose Length
58. Hand Circumference	.363							89. Nose Protrusion
59. Hand Circumference at Thumb	.387							90. Ear Length
60. Head Circumference	.167							91. Ear Breadth
61. Sagittal Arc	.038							92. Ear Protrusion
62. Bitragon-Coronal Arc	.126							93. Subscapular Skinfold
63. Bitragon-Minimum Frontal Arc	.164							94. Juxta-Nipple Skinfold
64. Bitragon-Subnasale Arc	.206							95. Back of Arm Skinfold
								96. Mid/Axillary Line at Umbilical Skin Fold

No.	15. Elbow Rest Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.205							.066
2.	Stature	.206							.094
3.	Tragion Height	.205							.150
4.	Cervicale Height	.184							.047
5.	Suprasternale Height	.179							.062
6.	Nipple (Chest) Height	.166							.073
7.	Waist height	.045							.054
8.	Penale Height	-.081							.069
9.	Gluteal Furrow Height	-.071							.063
10.	Crotch Height	-.082							.054
11.	Patella Height	-.063							.103
12.	Sitting Height	.562							.054
13.	Eye Height Sitting	.544							.162
14.	Shoulder Height Sitting	.729							-.012
15.	Elbow Rest Height	-.052							.002
16.	Knee Height Sitting	-.037							.019
17.	Popliteal Height Sitting	-.066							-.005
18.	Buttock-Popliteal Length	-.047							.015
19.	Buttock-Knee Length	-.154							-.018
20.	Shoulder-Elbow Length	-.027							.022
21.	Forearm-Hand Length	-.083							.036
22.	Functional Reach	.012							.055
23.	Bideltoid Diameter	.058							-.038
24.	Chest Breadth	.075							.003
25.	Waist Breadth	.162							-.012
26.	Hip Breadth	.044							.049
27.	Chest Depth	.084							-.003
28.	Waist Depth	.116							.015
29.	Buttock Depth	.174							.084
30.	Hip Breadth-Sitting	.087							.077
31.	Neck Circumference	.069							.014
32.	Shoulder Circumference								.091
33.	Chest Circumference				.082				65. Bitragion-Menton Arc
34.	Waist Circumference				.072				66. Bitragion-Submandibular Arc
35.	Buttock Circumference				.188				67. Bitragion-Inion Arc
36.	Buttock Circumference Sitting				.214				68. Head Length
37.	Thigh Circumference				.151				69. Tragion to Wall
38.	Lower Thigh Circumference				.119				70. Nasal Root to Wall
39.	Calf Circumference				.141				71. Pronasale to Wall
40.	Ankle Circumference				.156				72. External Canthus to Wall
41.	Soye Circumference				.105				73. Head Breadth
42.	Axillary Arm Circumference				.101				74. Bitragion Diameter
43.	Biceps Circumference				.099				75. Maximum Frontal Diameter
44.	Lower Arm Circumference				.120				76. Bizygomatic Diameter
45.	Wrist Circumference				.158				77. Bigonial Diameter
46.	Sleeve Inseam				-.204				78. Biocular Diameter
47.	Sleeve Length (Spine-Wrist)				-.087				79. Intepupillary Distance
48.	Gluteal Arc				.240				80. Inteocular Diameter
49.	Vertical Trunk Circumference				.473				81. Nasal Root Breadth
50.	Interscye				-.127				82. Nose Breadth
51.	Interscye Maximum				.118				83. Lip Length
52.	Foot Length				.073				84. Menton-Subnasale Length
53.	Foot Breadth				.031				85. Menton-Vertex Height
54.	Hand Length				.013				86. Head Height (Tragion to Vertex)
55.	Hand Breadth				.113				87. Lip-to-Lip Distance
56.	Hand Breadth at Thumb				.139				88. Nose Length
57.	Thickness at Metacarpal III				.069				89. Nose Protrusion
58.	Hand Circumference				.103				90. Ear Length
59.	Hand Circumference at Thumb				.128				91. Ear Breadth
60.	Head Circumference				.083				92. Ear Protrusion
61.	Sagittal Arc				.073				93. Subscapular Skinfold
62.	Bitragion-Coronal Arc				.073				94. Juxta-Nipple Skinfold
63.	Bitragion-Minimum Frontal Arc				.048				95. Back of Arm Skinfold
64.	Bitragion-Subnasale Arc				.077				96. Mid/Axillary Line at Umbilicus Skin Fold

No.	16. Knee Height Sitting	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		21.84	.98	19.0 - 25.1	19.9	21.8	23.9	0.1180	-0.2383
1.	Weight	.519							.329
2.	Stature	.813							.297
3.	Tragion Height	.809							-.054
4.	Cervicale Height	.826							.205
5.	Suprasternale Height	.823							.007
6.	Nipple (Chest) Height	.811							.179
7.	Waist height	.824							.305
8.	Penale Height	.787							.196
9.	Gluteal Furrow Height	.846							.133
10.	Crotch Height	.781							.217
11.	Patella Height	.822							.065
12.	Sitting Height	.453							.084
13.	Eye Height Sitting	.467							-.065
14.	Shoulder Height Sitting	.457							.142
15.	Elbow Rest Height	-.052							.190
16.	Knee Height Sitting	.777							.161
17.	Popliteal Height Sitting	.668							.147
18.	Buttock-Popliteal Length	.784							.122
19.	Buttock-Knee Length	.745							.172
20.	Shoulder-Elbow Length	.740							.215
21.	Forearm-Hand Length	.603							.126
22.	Functional Reach	.384							.176
23.	Bideltoid Diameter	.312							.184
24.	Chest Breadth	.378							.196
25.	Waist Breadth	.401							.206
26.	Hip Breadth	.256							.170
27.	Chest Depth	.208							.192
28.	Waist Depth	.248							.143
29.	Buttock Depth	.418							.011
30.	Hip Breadth-Sitting	.296							.056
31.	Neck Circumference	.270							.032
32.	Shoulder Circumference								.010
33.	Chest Circumference				.299				65. Bitragion-Menton Arc
34.	Waist Circumference				.282				66. Bitragion-Submandibular Arc
35.	Buttock Circumference				.358				67. Bitragion-Inion Arc
36.	Buttock Circumference Sitting				.366				68. Head Length
37.	Thigh Circumference				.266				69. Tragion to Wall
38.	Lower Thigh Circumference				.295				70. Nasal Root to Wall
39.	Calf Circumference				.312				71. Pronasale to Wall
40.	Ankle Circumference				.395				72. External Canthus to Wall
41.	Soye Circumference				.404				73. Head Breadth
42.	Axillary Arm Circumference				.131				74. Bitragion Diameter
43.	Biceps Circumference				.232				75. Maximum Frontal Diameter
44.	Lower Arm Circumference				.334				76. Bizygomatic Diameter
45.	Wrist Circumference				.428				77. Bigonial Diameter
46.	Sleeve Inseam				.696				78. Biocular Diameter
47.	Sleeve Length (Spine-Wrist)				.669				79. Interpupillary Distance
48.	Gluteal Arc				.254				80. Interocular Diameter
49.	Vertical Trunk Circumference				.437				81. Nasal Root Breadth
50.	Interscye				.210				82. Nose Breadth
51.	Interscye Maximum				.226				83. Lip Length
52.	Foot Length				.598				84. Menton-Subnasale Length
53.	Foot Breadth				.397				85. Menton-Vertex Height
54.	Hand Length				.656				86. Head Height (Tragion to Vertex)
55.	Hand Breadth				.451				87. Lip-to-Lip Distance
56.	Hand Breadth at Thumb				.478				88. Nose Length
57.	Thickness at Metacarpal III				.197				89. Nose Protrusion
58.	Hand Circumference				.476				90. Ear Length
59.	Hand Circumference at Thumb				.452				91. Ear Breadth
60.	Head Circumference				.200				92. Ear Protrusion
61.	Sagittal Arc				-.045				93. Subscapular Skinfold
62.	Bitragion-Coronal Arc				.146				94. Juxta-Nipple Skinfold
63.	Bitragion-Minimum Frontal Arc				.253				95. Back of Arm Skinfold
64.	Bitragion-Subnasale Arc				.297				96. Mid/Axillary Line at Umbilical Skin Fold

No.	17. Popliteal Height Sitting	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.286							
2.	Stature	.774							.177
3.	Tragion Height	.769							.116
4.	Cervicale Height	.778							.180
5.	Suprasternale Height	.764							.135
6.	Nipple (Chest) Height	.749							.129
7.	Waist height	.813							.158
8.	Penale Height	.807							.220
9.	Gluteal Furrow Height	.808							.145
10.	Crotch Height	.810							.037
11.	Patella Height	.735							.098
12.	Sitting Height	.443							.066
13.	Eye Height Sitting	.402							.070
14.	Shoulder Height Sitting	.336							.098
15.	Elbow Rest Height	.037							.082
16.	Knee Height Sitting	.777							.050
17.	Popliteal Height Sitting								.010
18.	Buttock-Popliteal Length	.563							.019
19.	Buttock-Knee Length	.620							.023
20.	Shoulder-Elbow Length	.588							.047
21.	Forearm-Hand Length	.740							.144
22.	Functional Reach	.631							.151
23.	Bidiloid Diameter	.144							.098
24.	Chest Breadth	.079							.106
25.	Waist Breadth	.115							.095
26.	Hip Breadth	.182							.064
27.	Chest Depth	.035							.107
28.	Waist Depth	.008							.110
29.	Buttock Depth	.026							.060
30.	Hip Breadth Sitting	.128							.135
31.	Neck Circumference	.086							.106
32.	Shoulder Circumference	.191							.083
33.	Chest Circumference								.029
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No. 18. Buttock-Popliteal Length

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.500							.257
2. Stature	.669							.252
3. Tragon Height	.673							.028
4. Cervicale Height	.686							.129
5. Suprasternale Height	.686							.046
6. Nipple (Chest) Height	.680							.117
7. Waist height	.691							.210
8. Penale Height	.681							.133
9. Gluteal Furrow Height	.698							.095
10. Crotch Height	.683							.174
11. Patella Height	.593							.088
12. Sitting Height	.309							.126
13. Eye Height Sitting	.222							.064
14. Shoulder Height Sitting	.308							.138
15. Elbow Rest Height	.066							.122
16. Knee Height Sitting	.668							.065
17. Popliteal Height Sitting	.563							.097
18. Buttock-Popliteal Length								.046
19. Buttock-Knee Length	.806							.076
20. Shoulder-Elbow Length	.565							.113
21. Forearm-Hand Length	.550							.053
22. Functional Reach	.519							.079
23. Bideloid Diameter	.317							.105
24. Chest Breadth	.257							.129
25. Waist Breadth	.367							.146
26. Hip Breadth	.419							.138
27. Chest Depth	.268							.133
28. Waist Depth	.282							.075
29. Buttock Depth	.304							.112
30. Hip Breadth-Sitting	.386							.159
31. Neck Circumference	.210							.085
32. Shoulder Circumference	.306							.143
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitragon-Coronal Arc								
63. Bitragon-Minimum Frontal Arc								
64. Bitragon-Subnasale Arc								
65. Bitragon-Menton Arc								
66. Bitragon-Submandibular Arc								
67. Bitragon-Inion Arc								
68. Head Length								
69. Tragon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitragon Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bigonial Diameter								
78. Biocular Diameter								
79. Interupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Tragon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. Back of Arm Skinfold								
96. Mid/Axillary Line at Umbilicus Skin Fold								

No.	19. Buttock-Knee Length	Mean	S.D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.655							
2.	Stature	.774							
3.	Trigone Height	.774							
4.	Cervicale Height	.795							
5.	Suprasternale Height	.802							
6.	Nipple (Chest) Height	.777							
7.	Waist height	.781							
8.	Penale Height	.769							
9.	Gluteal Furrow Height:	.794							
10.	Crotch Height	.766							
11.	Patella Height	.700							
12.	Sitting Height	.382							
13.	Eye Height Sitting	.392							
14.	Shoulder Height Sitting	.400							
15.	Elbow Rest Height	.047							
16.	Knee Height Sitting	.784							
17.	Popliteal Height Sitting	.620							
18.	Buttock-Popliteal Length	.806							
19.	Buttock-Knee Length								
20.	Shoulder-Elbow Length	.676							
21.	Forearm-Hand Length	.664							
22.	Functional Reach	.586							
23.	Bideltoid Diameter	.444							
24.	Chest Breadth	.383							
25.	Waist Breadth	.487							
26.	Hip Breadth	.529							
27.	Chest Depth	.370							
28.	Waist Depth	.383							
29.	Buttock Depth	.417							
30.	Hip Breadth-Sitting	.522							
31.	Neck Circumference	.340							
32.	Shoulder Circumference	.405							
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Buttation-Coronal Arc								
63.	Buttation-Minimum Frontal Arc								
64.	Buttation-Subnasale Arc								
65.	Buttation-Menton Arc								
66.	Buttation-Submandibular Arc								
67.	Buttation-Inion Arc								
68.	Head Length								
69.	Trigone to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Buttation Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Trigone to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No. 20. Shoulder-Elbow Length

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
14.49	.67	12.2 - 16.9	13.1	14.5	15.9	0.0449	0.1392

1. Weight	.367	33. Chest Circumference	.196	65. Bitrignon-Menton Arc	.287
2. Stature	.676	34. Waist Circumference	.181	66. Bitrignon-Submandibular Arc	.234
3. Trignon Height	.674	35. Buttock Circumference	.235	67. Bitrignon-Inion Arc	-.027
4. Cervicale Height	.698	36. Buttock Circumference Sitting	.256	68. Head Length	.145
5. Suprasternale Height	.674	37. Thigh Circumference	.127	69. Trignon to Wall	-.053
6. Nipple (Chest) Height	.666	38. Lower Thigh Circumference	.141	70. Nasal Root to Wall	.092
7. Waist height	.669	39. Calf Circumference	.164	71. Pronasale to Wall	.225
8. Penale Height	.633	40. Ankle Circumference	.233	72. External Canthus to Wall	.129
9. Gluteal Furrow Height	.699	41. Scye Circumference	.342	73. Head Breadth	.118
10. Crotch Height	.636	42. Axillary Arm Circumference	.014	74. Bitrignon Diameter	.233
11. Patella Height	.633	43. Biceps Circumference	.094	75. Maximum Frontal Diameter	.039
12. Sitting Height	.414	44. Lower Arm Circumference	.199	76. Bizygomatic Diameter	.039
13. Eye Height Sitting	.428	45. Wrist Circumference	.343	77. Bigonial Diameter	-.074
14. Shoulder Height Sitting	.478	46. Sleeve Inseam	.732	78. Biocular Diameter	.128
15. Elbow Rest Height	-.154	47. Sleeve Length (Spine-Wrist)	.663	79. Interpupillary Distance	.207
16. Knee Height Sitting	.745	48. Gluteal Arc	.214	80. Interocular Diameter	.185
17. Popliteal Height Sitting	.588	49. Vertical Trunk Circumference	.330	81. Nasal Root Breadth	.103
18. Buttock-Popliteal Length	.565	50. Interscye	.146	82. Nose Breadth	.077
19. Buttock-Knee Length	.676	51. Interscye Maximum	.154	83. Lip Length	.171
20. Shoulder-Elbow Length		52. Foot Length	.470	84. Menton-Subnasale Length	.173
21. Forearm-Hand Length	.671	53. Foot Breadth	.316	85. Menton-Vertex Height	.076
22. Functional Reach	.559	54. Hand Length	.592	86. Head Height (Trignon to Vertex)	.118
23. Bifoloid Diameter	.313	55. Hand Breadth	.382	87. Lip-to-Lip Distance	.127
24. Chest Breadth	.213	56. Hand Breadth at Thumb	.402	88. Nose Length	.216
25. Waist Breadth	.272	57. Thickness at Metacarpal III	.206	89. Nose Protrusion	.164
26. Hip Breadth	.305	58. Hand Circumference	.418	90. Ear Length	.160
27. Chest Depth	.179	59. Hand Circumference at Thumb	.345	91. Ear Breadth	.147
28. Waist Depth	.124	60. Head Circumference	.117	92. Ear Protrusion	.141
29. Buttock Depth	.146	61. Sagittal Arc	-.114	93. Subscapular Skinfold	-.013
30. Hip Breadth-Sitting	.342	62. Bitrignon-Coronal Arc	.063	94. Juxta-Nipple Skinfold	.029
31. Neck Circumference	.225	63. Bitrignon-Minimum Frontal Arc	.229	95. Back of Arm Skinfold	.000
32. Shoulder Circumference	.170	64. Bitrignon-Subnasale Arc	.276	96. Mid/Axillary Line at Umbilical Skin Fold	-.072

No. 21. Forearm-Hand Length

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
19.08	.75	16.5 - 21.9	17.6	19.0	20.6	0.1803	-0.1071

1. Weight	.435	33. Chest Circumference	.230	65. Bitragion-Menton Arc	.298
2. Stature	.762	34. Waist Circumference	.189	66. Bitragion-Submandibular Arc	.237
3. Tragon Height	.760	35. Buttock Circumference	.270	67. Bitragion-Inion Arc	.157
4. Cervicale Height	.762	36. Buttock Circumference Sitting	.260	68. Head Length	.206
5. Suprasternale Height	.757	37. Thigh Circumference	.149	69. Tragon to Wall	.109
6. Nipple (Chest) Height	.728	38. Lower Thigh Circumference	.157	70. Nasal Root to Wall	.210
7. Waist height	.761	39. Calf Circumference	.212	71. Pronasale to Wall	.287
8. Penale Height	.748	40. Ankle Circumference	.326	72. External Canthus to Wall	.196
9. Gluteal Furrow Height	.759	41. Scye Circumference	.299	73. Head Breadth	.092
10. Crotch Height	.754	42. Axillary Arm Circumference	.117	74. Bitragion Diameter	.176
11. Patella Height	.700	43. Biceps Circumference	.136	75. Maximum Frontal Diameter	.099
12. Sitting Height	.472	44. Lower Arm Circumference	.271	76. Bizygomatic Diameter	.110
13. Eye Height Sitting	.438	45. Wrist Circumference	.413	77. Bigonial Diameter	.105
14. Shoulder Height Sitting	.400	46. Sleeve Inseam	.772	78. Biocular Diameter	.128
15. Elbow Rest Height	-.027	47. Sleeve Length (Spine-Wrist)	.722	79. Interpupillary Distance	.147
16. Knee Height Sitting	.740	48. Gluteal Arc	.210	80. Interocular Diameter	.093
17. Popliteal Height Sitting	.740	49. Vertical Trunk Circumference	.409	81. Nasal Root Breadth	.051
18. Buttock-Popliteal Length	.550	50. Interscye	.146	82. Nose Breadth	.090
19. Buttock-Knee Length	.664	51. Interscye Maximum	.210	83. Lip Length	.036
20. Shoulder-Elbow Length	.671	52. Foot Length	.712	84. Menton-Subnasale Length	.154
21. Forearm-Hand Length		53. Foot Breadth	.257	85. Menton-Vertex Height	.178
22. Functional Reach	.731	54. Hand Length	.775	86. Head Height (Tragon to Vertex)	.138
23. Bideitoid Diameter	.280	55. Hand Breadth	.458	87. Lip-to-Lip Distance	.104
24. Chest Breadth	.198	56. Hand Breadth at Thumb	.507	88. Nose Length	.187
25. Waist Breadth	.256	57. Thickness at Metacarpal II	.273	89. Nose Protrusion	.144
26. Hip Breadth	.340	58. Hand Circumference	.450	90. Ear Length	.169
27. Chest Depth	.176	59. Hand Circumference at Thumb	.467	91. Ear Breadth	.151
28. Waist Depth	.117	60. Head Circumference	.213	92. Ear Protrusion	.081
29. Buttock Depth	.114	61. Sagittal Arc	.127	93. Subscapular Skinfold	-.056
30. Hip Breadth-Sitting	.284	62. Bitragion-Coronal Arc	.189	94. Juxta-Nipple Skinfold	-.027
31. Neck Circumference	.206	63. Bitragion-Minimum Frontal Arc	.168	95. Bac' of Arm Skinfold	-.014
32. Shoulder Circumference	.292	64. Bitragion-Subnasale Arc	.216	96. Mid/Axillary Line at Umbilious Skin Fold	.013

No.	22. Functional Reach	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.420							.250
2.	Stature	.672							.250
3.	Tragion Height	.676							.126
4.	Cervical Height	.661							.146
5.	Suprasternale Height	.679							.138
6.	Nipple (Chest) Height	.639							.186
7.	Waist height	.674							.236
8.	Penale Height	.676							.143
9.	Gluteal Furrow Height	.671							.068
10.	Crotch Height	.689							.128
11.	Patella Height	.617							.136
12.	Sitting Height	.376							.169
13.	Eye Height Sitting	.357							.151
14.	Shoulder Height Sitting	.284							.153
15.	Elbow Rest Height	.083							.109
16.	Knee Height Sitting	.603							.010
17.	Popliteal Height Sitting	.631							.082
18.	Buttock-Popliteal Length	.519							.074
19.	Buttock-Knee Length	.586							.038
20.	Shoulder-Elbow Length	.559							.099
21.	Forearm-Hand Length	.731							.128
22.	Functional Reach								.014
23.	Bideltoid Diameter	.261							.072
24.	Chest Breadth	.196							.147
25.	Waist Breadth	.260							.155
26.	Hip Breadth	.344							.147
27.	Chest Depth	.214							.160
28.	Waist Depth	.144							.043
29.	Buttock Depth	.140							.009
30.	Hip Breadth-Sitting	.220							.004
31.	Neck Circumference	.188							.038
32.	Shoulder Circumference	.325							.124
33.	Chest Circumference		1.42	27.4 - 36.2	28.9	31.4	34.7	0.577	-0.0393
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Soye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	23. Bideloid Diameter	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.712							
2.	Stature	.327							.443
3.	Tragion Height	.324							.427
4.	Cervicale Height	.330							.044
5.	Suprasternale Height	.348							.254
6.	Nipple (Chest) Height	.303							.020
7.	Waist height	.271							.220
8.	Penale Height	.243							.262
9.	Gluteal Furrow Height	.267							.207
10.	Crotch Height	.185							.253
11.	Patella Height	.312							.353
12.	Sitting Height	.257							.197
13.	Eye Height Sitting	.287							.228
14.	Shoulder Height Sitting	.230							.160
15.	Elbow Rest Height	.012							.201
16.	Knee Height Sitting	.384							.184
17.	Popliteal Height Sitting	.144							.147
18.	Buttock-Popliteal Length	.317							.185
19.	Buttock-Knee Length	.444							.218
20.	Shoulder-Elbow Length	.313							.245
21.	Forearm-Hand Length	.280							.121
22.	Functional Reach	.261							.108
23.	Bideloid Diameter								.149
24.	Chest Breadth	.710							.077
25.	Waist Breadth	.611							.133
26.	Hip Breadth	.510							.147
27.	Chest Depth	.492							.168
28.	Waist Depth	.458							.133
29.	Buttock Depth	.532							.102
30.	Hip Breadth-Sitting	.583							.380
31.	Neck Circumference	.568							.336
32.	Shoulder Circumference	.737							.207
									.330
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	24. Chest Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.682							.367
2.	Stature	.223							.386
3.	Tragion Height	.216							.053
4.	Cervicale Height	.226							.211
5.	Suprasternale Height	.256							.027
6.	Nipple (Chest) Height	.211							.203
7.	Waist height	.160							.225
8.	Penale Height	.134							.187
9.	Gluteal Furrow Height	.187							.216
10.	Crotch Height	.130							.309
11.	Patella Height	.240							.151
12.	Sitting Height	.142							.214
13.	Eye Height Sitting	.170							.185
14.	Shoulder Height Sitting	.197							.153
15.	Elbow Rest Height	.058							.154
16.	Knee Height Sitting	.312							.111
17.	Popliteal Height Sitting	.079							.104
18.	Buttock-Popliteal Length	.257							.199
19.	Buttock-Knee Length	.383							.194
20.	Shoulder-Elbow Length	.213							.101
21.	Forearm-Hand Length	.198							.081
22.	Functional Reach	.196							.117
23.	Bideltoid Diameter	.710							.012
24.	Chest Breadth								.084
25.	Waist Breadth	.680							.124
26.	Hip Breadth	.541							.139
27.	Chest Depth	.562							.101
28.	Waist Depth	.513							.047
29.	Buttock Depth	.580							.400
30.	Hip Breadth-Sitting	.567							.385
31.	Neck Circumference	.545							.241
32.	Shoulder Circumference	.668							.375
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Mirimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Ilijon Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to								
71.	Protrusion to Wall								
72.	External Canthus to Wall								
73.	Nasal Breadth								
74.	Bitragion Diameter								
75.	Bitragion Frontal Diameter								
76.	Bitragion Diameter								
77.	Bitragion Diameter								
78.	Bitragion Diameter								
79.	Bitragion Diameter								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No. 25. Waist Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
	11.97	.84	8.9 - 15.0	10.2	12.0	13.7	-0.0087	0.3638
1. Weight	.796							
2. Stature	.285							.359
3. Tragon Height	.279							.398
4. Cervicale Height	.316							.083
5. Suprasternale Height	.330							.198
6. Nipple (Chest) Height	.267							.087
7. Waist height	.212							.186
8. Penale Height	.202							.237
9. Gluteal Furrow Height	.263							.190
10. Crotch Height	.185							.249
11. Patella Height	.319							.341
12. Sitting Height	.160							.161
13. Eye Height Sitting	.177							.244
14. Shoulder Height Sitting	.249							.225
15. Elbow Rest Height	.075							.136
16. Knee Height Sitting	.378							.129
17. Popliteal Height Sitting	.115							.105
18. Buttock-Popliteal Length	.367							.121
19. Buttock-Knee Length	.487							.180
20. Shoulder-Elbow Length	.272							.169
21. Forearm-Hand Length	.256							.073
22. Functional Reach	.260							.011
23. Bideloid Diameter	.611							.103
24. Chest Breadth	.680							-.014
25. Waist Breadth	.688							.087
26. Hip Breadth	.637							.096
27. Chest Depth	.715							.192
28. Waist Depth	.724							.123
29. Buttock Depth	.738							.056
30. Hip Breadth-Sitting	.536							.550
31. Neck Circumference	.603							.548
32. Shoulder Circumference								.389
								.532
33. Chest Circumference								
34. Waist Circumference								
35. Buttock Circumference								
36. Buttock Circumference Sitting								
37. Thigh Circumference								
38. Lower Thigh Circumference								
39. Calf Circumference								
40. Ankle Circumference								
41. Scye Circumference								
42. Axillary Arm Circumference								
43. Biceps Circumference								
44. Lower Arm Circumference								
45. Wrist Circumference								
46. Sleeve Inseam								
47. Sleeve Length (Spine-Wrist)								
48. Gluteal Arc								
49. Vertical Trunk Circumference								
50. Interscye								
51. Interscye Maximum								
52. Foot Length								
53. Foot Breadth								
54. Hand Length								
55. Hand Breadth								
56. Hand Breadth at Thumb								
57. Thickness at Metacarpal III								
58. Hand Circumference								
59. Hand Circumference at Thumb								
60. Head Circumference								
61. Sagittal Arc								
62. Bitragon-Coronal Arc								
63. Bitragon-Minimum Frontal Arc								
64. Bitragon-Subnasale Arc								
65. Bitragon-Menton Arc								
66. Bitragon-Submandibular Arc								
67. Bitragon-Inion Arc								
68. Head Length								
69. Tragon to Wall								
70. Nasal Root to Wall								
71. Pronasale to Wall								
72. External Canthus to Wall								
73. Head Breadth								
74. Bitragon Diameter								
75. Maximum Frontal Diameter								
76. Bizygomatic Diameter								
77. Bigonial Diameter								
78. Biocular Diameter								
79. Interpupillary Distance								
80. Interocular Diameter								
81. Nasal Root Breadth								
82. Nose Breadth								
83. Lip Length								
84. Menton-Subnasale Length								
85. Menton-Vertex Height								
86. Head Height (Tragon to Vertex)								
87. Lip-to-Lip Distance								
88. Nose Length								
89. Nose Protrusion								
90. Ear Length								
91. Ear Breadth								
92. Ear Protrusion								
93. Subscapular Skinfold								
94. Juxta-Nipple Skinfold								
95. Back of Arm Skinfold								
96. Mid/Axillary Line at Umbilical Skin Fold								

No.	26. Hip Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	13.78	.70	11.3 - 16.2	12.3	13.8	15.2	-0.0618	-0.1199
2.	Stature	.757							
3.	Tragion Height	.411							
4.	Cervicale Height	.406							
5.	Suprasternale Height	.411							
6.	Nipple (Chest) Height	.436							
7.	Waist height	.376							
8.	Penale Height	.315							
9.	Gluteal Furrow Height	.270							
10.	Crotch Height	.303							
11.	Patella Height	.274							
12.	Sitting Height	.322							
13.	Eye Height Sitting	.332							
14.	Shoulder Height Sitting	.353							
15.	Elbow Rest Height	.349							
16.	Knee Height Sitting	.162							
17.	Popliteal Height Sitting	.401							
18.	Buttock-Popliteal Length	.182							
19.	Buttock-Knee Length	.419							
20.	Shoulder-Elbow Length	.529							
21.	Forearm-Hand Length	.305							
22.	Functional Reach	.340							
23.	Bideltoid Diameter	.344							
24.	Chest Breadth	.510							
25.	Waist Breadth	.541							
26.	Hip Breadth	.688							
27.	Chest Depth	.496							
28.	Waist Depth	.547							
29.	Buttock Depth	.597							
30.	Hip Breadth-Sitting	.770							
31.	Neck Circumference	.430							
32.	Shoulder Circumference	.536							
33.	Chest Circumference	.583							
34.	Waist Circumference	.648							
35.	Buttock Circumference	.833							
36.	Buttock Circumference Sitting	.779							
37.	Thigh Circumference	.720							
38.	Lower Thigh Circumference	.617							
39.	Calf Circumference	.576							
40.	Ankle Circumference	.522							
41.	Soye Circumference	.507							
42.	Axillary Arm Circumference	.495							
43.	Biceps Circumference	.529							
44.	Lower Arm Circumference	.491							
45.	Wrist Circumference	.455							
46.	Sleeve Inseam	.229							
47.	Sleeve Length (Spine-Wrist)	.415							
48.	Gluteal Arc	.235							
49.	Vertical Trunk Circumference	.609							
50.	Interscye	.250							
51.	Interscye Maximum	.388							
52.	Foot Length	.366							
53.	Foot Breadth	.245							
54.	Hand Length	.268							
55.	Hand Breadth	.297							
56.	Hand Breadth at Thumb	.318							
57.	Thickness at Metacarpal III	.182							
58.	Hand Circumference	.319							
59.	Hand Circumference at Thumb	.379							
60.	Head Circumference	.261							
61.	Sagittal Arc	.042							
62.	Bitragion-Coronal Arc	.183							
63.	Bitragion-Minimum Frontal Arc	.240							
64.	Bitragion-Subnasale Arc	.298							
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Tuion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No. 27. Chest Depth

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.694							.324
2. Stature	.171							.375
3. Tragon Height	.168							.122
4. Cervicale Height	.194							.178
5. Suprasternale Height	.226							.150
6. Nipple (Chest) Height	.178							.172
7. Waist height	.123							.248
8. Penale Height	.108							.212
9. Gluteal Furrow Height	.189							.175
10. Crotch Height	.096							.294
11. Patella Height	.213							.148
12. Sitting Height	.072							.207
13. Eye Height Sitting	.093							.266
14. Shoulder Height Sitting	.152							.122
15. Elbow Rest Height	.044							.111
16. Knee Height Sitting	.256							.085
17. Popliteal Height Sitting	.035							.065
18. Buttock-Popliteal Length	.268							.191
19. Buttock-Knee Length	.370							.161
20. Shoulder-Elbow Length	.179							.072
21. Forearm-Hand Length	.176							-.040
22. Functional Reach	.214							.034
23. Bideloid Diameter	.492							-.071
24. Chest Breadth	.562							.062
25. Waist Breadth	.637							.113
26. Hip Breadth	.496							.212
27. Chest Depth								.127
28. Waist Depth	.626							.036
29. Buttock Depth	.635							.517
30. Hip Breadth-Sitting	.547							.518
31. Neck Circumference	.497							.333
32. Shoulder Circumference	.595							.442
33. Chest Circumference				.783		65. Bitragon-Menton Arc		
34. Waist Circumference				.685		66. Bitragon-Submandibular Arc		
35. Buttock Circumference				.621		67. Bitragon-Inion Arc		
36. Buttock Circumference Sitting				.627		68. Head Length		
37. Thigh Circumference				.589		69. Tragon to Wall		
38. Lower Thigh Circumference				.499		70. Nasal Root to Wall		
39. Calf Circumference				.477		71. Pronasale to Wall		
40. Ankle Circumference				.381		72. External Canthus to Wall		
41. Scye Circumference				.552		73. Head Breadth		
42. Axillary Arm Circumference				.588		74. Bitragon Diameter		
43. Biceps Circumference				.598		75. Maximum Frontal Diameter		
44. Lower Arm Circumference				.480		76. Bizygomatic Diameter		
45. Wrist Circumference				.353		77. Bigonial Diameter		
46. Sleeve Inseam				.050		78. Biocular Diameter		
47. Sleeve Length (Spine-Wrist)				.281		79. Interpupillary Distance		
48. Gluteal Arc				.026		80. Interocular Diameter		
49. Vertical Trunk Circumference				.472		81. Nasal Root Breadth		
50. Interscye				.349		82. Nose Breadth		
51. Interscye Maximum				.423		83. Lip Length		
52. Foot Length				.190		84. Menton-Subnasale Length		
53. Foot Breadth				.144		85. Menton-Vertex Height		
54. Hand Length				.150		86. Head Height (Tragon to Vertex)		
55. Hand Breadth				.227		87. Lip-to-Lip Distance		
56. Hand Breadth at Thumb				.224		88. Nose Length		
57. Thickness at Metacarpal III				.218		89. Nose Protrusion		
58. Hand Circumference				.271		90. Ear Length		
59. Hand Circumference at Thumb				.315		91. Ear Breadth		
60. Head Circumference				.271		92. Ear Protrusion		
61. Sagittal Arc				.009		93. Subscapular Skinfold		
62. Bitragon-Coronal Arc				.090		94. Juxta-Nipple Skinfold		
63. Bitragon-Minimum Frontal Arc				.180		95. Back of Ar. r Skinfold		
64. Bitragon-Subnasale Arc				.283		96. Mid/Axillary Line at Umbilical Skin Fold		

No. 28. Waist Depth

No.	28.	Waist Depth	Mean	S.D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
			8.55	.76	6.1 - 11.5	7.0	8.6	10.2	0.1571	0.3239
1.	Weight	.711	33.	Chest Circumference		.637	65	Bitrignon-Menton Arc		.263
2.	Stature	.166	34.	Waist Circumference		.865	66.	Bitrignon-Submandibular Arc		.354
3.	Traigon Height	.163	35.	Buttock Circumference		.682	67.	Bitrignon-Inion Arc		.147
4.	Cervicale Height	.198	36.	Buttock Circumference Sitting		.730	68.	Head Length		.125
5.	Suprasternale Height	.277	37.	Thigh Circumference		.643	69.	Traigon to Wall		.124
6.	Nipple (Chest) Height	.152	38.	Lower Thigh Circumference		.532	70.	Nasal Root to Wall		.131
7.	Waist height	.070	39.	Calf Circumference		.449	71.	Pronasale to Wall		.166
8.	Penale Height	.046	40.	Ankle Circumference		.348	72.	External Canthus to Wall		.154
9.	Gluteal Furrow Height	.136	41.	Scye Circumference		.501	73.	Head Breadth		.165
10.	Crotch Height	.068	42.	Axillary Arm Circumference		.573	74.	Bitrignon Diameter		.268
11.	Patella Height	.183	43.	Biceps Circumference		.508	75.	Maximum Frontal Diameter		.118
12.	Sitting Height	.091	44.	Lower Arm Circumference		.417	76.	Bizygomatic Diameter		.215
13.	Eye Height Sitting	.090	45.	Wrist Circumference		.336	77.	Bigonial Diameter		.282
14.	Shoulder Height Sitting	.160	46.	Sleeve Inseam		-.002	78.	Biocular Diameter		.063
15.	Elbow Rest Height	.084	47.	Sleeve Length (Spine-Wrist)		.222	79.	Interpapillary Distance		.065
16.	Knee Height Sitting	.208	48.	Gluteal Arc		.033	80.	Interocular Diameter		.038
17.	Popliteal Height Sitting	.008	49.	Vertical Trunk Circumference		.506	81.	Nasal Root Breadth		.034
18.	Buttock-Popliteal Length	.282	50.	Interscye		.282	82.	Nose Breadth		.152
19.	Buttock-Knee Length	.383	51.	Interscye Maximum		.370	83.	Lip Length		.114
20.	Shoulder-Elbow Length	.124	52.	Foot Length		.147	84.	Menton-Subnasale Length		.054
21.	Forearm-Hand Length	.117	53.	Foot Breadth		.086	85.	Menton-Vortex Height		-.009
22.	Functional Reach	.144	54.	Hand Length		.111	86.	Head Height (Traigon to Vertex)		.004
23.	Bideitoid Diameter	.458	55.	Hand Breadth		.171	87.	Lip-to-Lip Distance		-.083
24.	Chest Breadth	.513	56.	Hand Breadth at Thumb		.162	88.	Nose Length		.046
25.	Waist Breadth	.715	57.	Thickness at Metacarpal III		.160	89.	Nose Protruision		.069
26.	Hip Breadth	.547	58.	Hand Circumference		.186	90.	Ear Length		.219
27.	Chest Depth	.626	59.	Hand Circumference at Thumb		.243	91.	Ear Breadth		.116
28.	Waist Depth		60.	Head Circumference		.230	92.	Ear Protruision		.048
29.	Buttock Depth	.766	61.	Sagittal Arc		.035	93.	Subscapular Skinfold		.593
30.	Hip Breadth-Sitting	.583	62.	Bitrignon-Coronal Arc		.094	94.	Juxta-Nipple Skinfold		.607
31.	Neck Circumference	.452	63.	Bitrignon-Minimum Frontal Arc		.171	95.	Back of Arm Skinfold		.402
32.	Shoulder Circumference	.519	64.	Bitrignon-Subnasale Arc		.232	96.	Mid/Axillary Line at Umbilicious Skin Fold		.550

No.	Buttock Depth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.751							.312
2.	Stature	.177							.379
3.	Tragion Height	.169							.100
4.	Cervicale Height	.199							.157
5.	Suprasternale Height	.224							.057
6.	Nipple (Chest) Height	.171							.147
7.	Waist height	.085							.167
8.	Penale Height	.050							.151
9.	Gluteal Furrow Height	.123							.189
10.	Crotch Height	.046							.316
11.	Patella Height	.185							.127
12.	Sitting Height	.138							.164
13.	Eye Height Sitting	.145							.205
14.	Shoulder Height Sitting	.212							.091
15.	Elbow Rest Height	.116							.072
16.	Knee Height Sitting	.248							.082
17.	Popliteal Height Sitting	.026							.087
18.	Buttock-Popliteal Length	.304							.178
19.	Buttock-Knee Length	.417							.135
20.	Shoulder-Elbow Length	.146							.074
21.	Forearm-Hand Length	.114							.051
22.	Functional Reach	.140							.059
23.	Bideltoid Diameter	.532							-.005
24.	Chest Breadth	.580							.047
25.	Waist Breadth	.724							.086
26.	Hip Breadth	.597							.192
27.	Chest Depth	.635							.116
28.	Waist Depth	.766							.074
29.	Buttock Depth								.594
30.	Hip Breadth-Sitting	.674							.582
31.	Neck Circumference	.508							.477
32.	Shoulder Circumference	.544							.524
33.	Chest Circumference				.653				65. Bitragion-Menton Arc
34.	Waist Circumference				.777				66. Bitragion-Submandibular Arc
35.	Buttock Circumference				.775				67. Bitragion-Inion Arc
36.	Buttock Circumference Sitting				.759				68. Head Length
37.	Thigh Circumference				.748				69. Tragion to Wall
38.	Lower Thigh Circumference				.624				70. Nasal Root to Wall
39.	Calif Circumference				.532				71. Pronasale to Wall
40.	Ankle Circumference				.427				72. External Canthus to Wall
41.	Scoye Circumference				.565				73. Head Breadth
42.	Axillary Arm Circumference				.580				74. Bitragion Diameter
43.	Biceps Circumference				.600				75. Maximum Frontal Diameter
44.	Lower Arm Circumference				.481				76. Bizygomatic Diameter
45.	Wrist Circumference				.373				77. Bigonial Diameter
46.	Sleeve Inseam				.013				78. Biocular Diameter
47.	Sleeve Length (Spine-Wrist)				.223				79. Interupillary Distance
48.	Gluteal Arc				.177				80. Interocular Diameter
49.	Vertical Trunk Circumference				.568				81. Nasal Root Breadth
50.	Interscoye				.317				82. Nose Breadth
51.	Interscoye Maximum				.385				83. Lip Length
52.	Foot Length				.148				84. Menton-Subnasale Length
53.	Foot Breadth				.188				85. Menton-Vertex Height
54.	Hand Length				.118				86. Head Height (Tragion to Vertex)
55.	Hand Breadth				.210				87. Lip-to-Lip Distance
56.	Hand Breadth at Thumb				.195				88. Nose Length
57.	Thickness at Metacarpal III				.167				89. Nose Protrusion
58.	Hand Circumference				.245				90. Ear Length
59.	Hand Circumference at Thumb				.278				91. Ear Breadth
60.	Head Circumference				.247				92. Ear Protrusion
61.	Sagittal Arc				-.014				93. Subscapular Skinfold
62.	Bitragion-Coronal Arc				.102				94. Juxta-Nipple Skinfold
63.	Bitragion-Minimum Frontal Arc				.229				95. Back of Arm Skinfold
64.	Bitragion-Subnasale Arc				.299				96. Mid/Axillary Line at Umbilicus Skin Fold

No.	30. Hip Breadth Sitting	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.771							
2.	Stature	.366							.362
3.	Tragion Height	.350							.339
4.	Cervicale Height	.385							.115
5.	Suprasternale Height	.382							.181
6.	Nipple (Chest) Height	.322							.035
7.	Waist height	.264							.170
8.	Penale Height	.211							.225
9.	Gluteal Furrow Height	.266							.183
10.	Crotch Height	.176							.228
11.	Patella Height	.292							.345
12.	Sitting Height	.323							.125
13.	Eye Height Sitting	.328							.148
14.	Shoulder Height Sitting	.380							.174
15.	Elbow Rest Height	.174							.109
16.	Knee Height Sitting	.418							.155
17.	Popliteal Height Sitting	.128							.165
18.	Popliteal-Popliteal Length	.386							.096
19.	Buttock-Knee Length	.522							.198
20.	Shoulder-Elbow Length	.342							.157
21.	Forearm-Hand Length	.284							.138
22.	Functional Reach	.220							.096
23.	Bideltoid Diameter	.583							.178
24.	Chest Breadth	.567							.032
25.	Waist Breadth	.738							.113
26.	Hip Breadth	.770							.109
27.	Chest Depth	.547							.195
28.	Waist Depth	.583							.149
29.	Buttock Depth	.674							.094
30.	Hip Breadth-Sitting	.461							.472
31.	Neck Circumference	.529							.474
32.	Shoulder Circumference								.405
33.	Chest Circumference				.611		65. Bitragion-Menton Arc		
34.	Waist Circumference				.700		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.815		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.815		68. Head Length		
37.	Thigh Circumference				.729		69. Tragion to Wall		
38.	Lower Thigh Circumference				.598		70. Nasal Root to Wall		
39.	Calf Circumference				.570		71. Pronasale to Wall		
40.	Ankle Circumference				.532		72. External Canthus to Wall		
41.	Sye Circumference				.550		73. Head Breadth		
42.	Axillary Arm Circumference				.500		74. Bitragion Diameter		
43.	Biceps Circumference				.546		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.460		76. Bizygomatic Diameter		
45.	Wrist Circumference				.436		77. Bigonial Diameter		
46.	Sleeve Inseam				.153		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.361		79. Interpupillary Distance		
48.	Gluteal Arc				.234		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.594		81. Nasal Root Breadth		
50.	Interscye				.316		82. Nose Breadth		
51.	Interscye Maximum				.378		83. Lip Length		
52.	Foot Length				.308		84. Menton-Subnasale Length		
53.	Foot Breadth				.314		85. Menton-Vertex Height		
54.	Hand Length				.298		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.334		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.340		88. Nose Length		
57.	Thickness at Metacarpal III				.209		89. Nose Protrusion		
58.	Hand Circumference				.367		90. Ear Length		
59.	Hand Circumference at Thumb				.360		91. Ear Breadth		
60.	Head Circumference				.266		92. Ear Protrusion		
61.	Sagittal Arc				-.013		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.177		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.316		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.372		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	31. Neck Circumference	Mean	S.D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.630							
2.	Stature	.233							.453
3.	Tragion Height	.228							.470
4.	Cervicale Height	.231							.067
5.	Suprasternale Height	.251							.242
6.	Nipple (Chest) Height	.196							.050
7.	Waist height	.161							.229
8.	Penale Height	.144							.274
9.	Gluteal Furrow Height	.198							.209
10.	Crotch Height	.165							.292
11.	Patella Height	.227							.370
12.	Sitting Height	.202							.225
13.	Eye Height Sitting	.229							.289
14.	Shoulder Height Sitting	.242							.215
15.	Elbow Rest Height	.087							.194
16.	Knee Height Sitting	.296							.155
17.	Popliteal Height Sitting	.086							.153
18.	Buttock-Popliteal Length	.210							.183
19.	Buttock-Knee Length	.340							.283
20.	Shoulder-Elbow Length	.225							.264
21.	Forearm-Hand Length	.206							.154
22.	Functional Reach	.188							.104
23.	Bideltoid Diameter	.568							.151
24.	Chest Breadth	.545							.038
25.	Waist Breadth	.536							.122
26.	Hip Breadth	.430							.131
27.	Chest Depth	.497							.173
28.	Waist Depth	.452							.150
29.	Buttock Depth	.508							.078
30.	Hip Breadth-Sitting	.461							.321
31.	Neck Circumference								.271
32.	Shoulder Circumference	.573							.119
33.	Chest Circumference								.274
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Sole Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Forearm Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	32. Shoulder Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.773							
2.	Stature	.291							
3.	Tragion Height	.293							
4.	Cervicale Height	.292							
5.	Suprasternale Height	.328							
6.	Nipple (Chest) Height	.260							
7.	Waist height	.242							
8.	Penale Height	.235							
9.	Gluteal Furrow Height	.248							
10.	Crotch Height	.196							
11.	Patella Height	.226							
12.	Sitting Height	.225							
13.	Eye Height Sitting	.224							
14.	Shoulder Height Sitting	.168							
15.	Elbow Rest Height	.069							
16.	Knee Height Sitting	.270							
17.	Popliteal Height Sitting	.191							
18.	Buttock-Popliteal Length	.306							
19.	Buttock-Knee Length	.405							
20.	Shoulder-Elbow Length	.170							
21.	Forearm-Hand Length	.292							
22.	Functional Reach	.325							
23.	Bideltoid Diameter	.737							
24.	Chest Breadth	.668							
25.	Waist Breadth	.603							
26.	Hip Breadth	.536							
27.	Chest Depth	.595							
28.	Waist Depth	.519							
29.	Buttock Depth	.544							
30.	Hip Breadth-Sitting	.529							
31.	Neck Circumference	.573							
32.	Shoulder Circumference								
33.	Chest Circumference				.790		65. Bitragion-Menton Arc		.373
34.	Waist Circumference				.651		66. Bitragion-Submandibular Arc		.393
35.	Buttock Circumference				.672		67. Bitragion-Inion Arc		.270
36.	Buttock Circumference Sitting				.638		68. Head Length		.221
37.	Thigh Circumference				.646		69. Tragion to Wall		.201
38.	Lower Thigh Circumference				.505		70. Nasal Root to Wall		.237
39.	Calf Circumference				.531		71. Pronasale to Wall		.225
40.	Ankle Circumference				.431		72. External Canthus to Wall		.205
41.	Scye Circumference				.577		73. Head Breadth		.216
42.	Axillary Arm Circumference				.732		74. Bitragion Diameter		.296
43.	Biceps Circumference				.662		75. Maximum Frontal Diameter		.194
44.	Lower Arm Circumference				.579		76. Bizygomatic Diameter		.324
45.	Wrist Circumference				.427		77. Bigonial Diameter		.410
46.	Sleeve Inseam				.131		78. Biocular Diameter		.133
47.	Sleeve Length (Spine-Wrist)				.521		79. Interpupillary Distance		.067
48.	Gluteal Arc				.082		80. Interocular Diameter		.022
49.	Vertical Trunk Circumference				.612		81. Nasal Root Breadth		.030
50.	Interscye				.515		82. Nose Breadth		.169
51.	Interscye Maximum				.619		83. Lip Length		.042
52.	Foot Length				.290		84. Menton-Subnasale Length		.085
53.	Foot Breadth				.085		85. Menton-Vertex Height		.121
54.	Hand Length				.186		86. Head Height (Tragion to Vertex)		.057
55.	Hand Breadth				.220		87. Lip-to-Lip Distance		-.034
56.	Hand Breadth at Thumb				.270		88. Nose Length		.043
57.	Thickness at Metacarpal III				.271		89. Nose Protrusion		.034
58.	Hand Circumference				.235		90. Ear Length		.163
59.	Hand Circumference at Thumb				.351		91. Ear Breadth		.089
60.	Head Circumference				.328		92. Ear Protrusion		-.015
61.	Sagittal Arc				.186		93. Subscapular Skinfold		.463
62.	Bitragion-Coronal Arc				.197		94. Juxta-Nipple Skinfold		.401
63.	Bitragion-Minimum Frontal Arc				.159		95. Back of Arm Skinfold		.265
64.	Bitragion-Subnasale Arc				.269		96. Mid/Axillary Line at Umbilicus Skin Fold		.525

[illegible]

No.	35. Buttock Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.893							
2.	Stature	.354							.384
3.	Tragion Height	.350							.428
4.	Cervicale Height	.355							.113
5.	Suprasternale Height	.388							.183
6.	Nipple (Chest) Height	.320							.112
7.	Waist height	.261							.191
8.	Penale Height	.223							.219
9.	Gluteal Furrow Height	.237							.179
10.	Crotch Height	.193							.243
11.	Patella Height	.271							.329
12.	Sitting Height	.292							.212
13.	Eye Height Sitting	.306							.298
14.	Shoulder Height Sitting	.370							.295
15.	Elbow Rest Height	.188							.166
16.	Knee Height Sitting	.358							.125
17.	Popliteal Height Sitting	.104							.074
18.	Buttock-Popliteal Length	.420							.141
19.	Buttock-Knee Length	.548							.181
20.	Shoulder-Elbow Length	.235							.135
21.	Forearm-Hand Length	.270							.074
22.	Functional Reach	.284							.074
23.	Bideltoid Diameter	.617							.093
24.	Chest Breadth	.606							.008
25.	Waist Breadth	.778							.061
26.	Hip Breadth	.833							.092
27.	Chest Depth	.621							.208
28.	Waist Depth	.682							.135
29.	Buttock Depth	.775							.047
30.	Hip Breadth-Sitting	.815							.538
31.	Neck Circumference	.530							.537
32.	Shoulder Circumference	.672							.442
33.	Chest Circumference								.591
34.	Waist Circumference								
35.	Buttock Circumference Sitting								
36.	Buttock Circumference								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scoye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	36. Buttock Circumference Sitting	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.881							
2.	Stature	.361							
3.	Tragion Height	.359							
4.	Cervicale Height	.363							
5.	Suprasternale Height	.400							
6.	Nipple (Chest) Height	.337							
7.	Waist height	.258							
8.	Penale Height	.200							
9.	Gluteal Furrow Height	.252							
10.	Crotch Height	.193							
11.	Patella Height	.295							
12.	Sitting Height	.297							
13.	Eye Height Sitting	.321							
14.	Shoulder Height Sitting	.362							
15.	Elbow Rest Height	.214							
16.	Knee Height Sitting	.366							
17.	Popliteal Height Sitting	.090							
18.	Buttock-Popliteal Length	.417							
19.	Buttock-Knee Length	.545							
20.	Shoulder-Elbow Length	.256							
21.	Forearm-Hand Length	.260							
22.	Functional Reach	.279							
23.	Bideltoid Diameter	.603							
24.	Chest Breadth	.597							
25.	Waist Breadth	.782							
26.	Hip Breadth	.779							
27.	Chest Depth	.627							
28.	Waist Depth	.730							
29.	Buttock Depth	.759							
30.	Hip Breadth-Sitting	.815							
31.	Neck Circumference	.530							
32.	Shoulder Circumference	.638							
33.	Chest Circumference				.719				
34.	Waist Circumference				.820				
35.	Buttock Circumference				.910				
36.	Buttock Circumference Sitting								
37.	Thigh Circumference				.816				
38.	Lower Thigh Circumference				.699				
39.	Calf Circumference				.634				
40.	Ankle Circumference				.560				
41.	Scye Circumference				.626				
42.	Axillary Arm Circumference				.673				
43.	Biceps Circumference				.653				
44.	Lower Arm Circumference				.565				
45.	Wrist Circumference				.491				
46.	Sleeve Inseam				.133				
47.	Sleeve Length (Spine-Wrist)				.399				
48.	Gluteal Arc				.258				
49.	Vertical Trunk Circumference				.704				
50.	Interscye				.383				
51.	Interscye Maximum				.474				
52.	Foot Length				.296				
53.	Foot Breadth				.250				
54.	Hand Length				.203				
55.	Hand Breadth				.294				
56.	Hand Breadth at Thumb				.307				
57.	Thickness at Metacarpal III				.190				
58.	Hand Circumference				.317				
59.	Hand Circumference at Thumb				.383				
60.	Head Circumference				.299				
61.	Sagittal Arc				.008				
62.	Bitrignon-Coronal Arc				.139				
63.	Bitrignon-Minimum Frontal Arc				.282				
64.	Bitrignon-Subnasale Arc				.341				
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No. 37. Thigh Circumference

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
22.63	1.58	17.2 - 28.2	19.4	22.6	26.0	-0.0248	0.1384

1. Weight	.830	33. Chest Circumference	.700	65. Bitrignon-Menton Arc	.313
2. Stature	.212	34. Waist Circumference	.758	66. Bitrignon-Submandibular Arc	.357
3. Trignon Height	.206	35. Buttock Circumference	.870	67. Bitrignon-Inion Arc	.105
4. Cervicale Height	.224	36. Buttock Circumference Sitting	.816	68. Head Length	.148
5. Suprasternale Height	.250	37. Thigh Circumference	.750	69. Trignon to Wall	.086
6. Nipple (Chest) Height	.190	38. Lower Thigh Circumference	.702	70. Nasal Root to Wall	.143
7. Waist height	.140	39. Calf Circumference	.540	71. Pronasale to Wall	.161
8. Penale Height	.116	40. Ankle Circumference	.577	72. External Canthus to Wall	.147
9. Gluteal Furrow Height	.146	41. Scye Circumference	.699	73. Head Breadth	.218
10. Crotch Height	.097	42. Axillary Arm Circumference	.717	74. Bitrignon Diameter	.286
11. Patella Height	.161	43. Biceps Circumference	.578	75. Maximum Frontal Diameter	.181
12. Sitting Height	.178	44. Lower Arm Circumference	.404	76. Bizygomatic Diameter	.244
13. Eye Height Sitting	.188	45. Wrist Circumference	.020	77. Bigonial Diameter	.259
14. Shoulder Height Sitting	.218	46. Sleeve Inseam	.291	78. Biocular Diameter	.106
15. Elbow Rest Height	.151	47. Sleeve Length (Spine-Wrist)	.137	79. Interpupillary Distance	.076
16. Knee Height Sitting	.266	48. Gluteal Arc	.612	80. Interocular Diameter	.071
17. Popliteal Height Sitting	.015	49. Vertical Trunk Circumference	.348	81. Nasal Root Breadth	.110
18. Buttock-Popliteal Length	.323	50. Interscye	.437	82. Nose Breadth	.156
19. Buttock-Knee Length	.446	51. Interscye Maximum	.193	83. Lip Length	.087
20. Shoulder-Elbow Length	.127	52. Foot Length	.197	84. Menton-Subnasale Length	.084
21. Forearm-Hand Length	.149	53. Foot Breadth	.110	85. Menton-Vertex Height	.060
22. Functional Reach	.164	54. Hand Length	.216	86. Head Height (Trignon to Vertex)	.091
23. Bifoloid Diameter	.567	55. Hand Breadth	.233	87. Lip-to-Lip Distance	.035
24. Chest Breadth	.568	56. Hand Breadth at Thumb	.164	88. Nose Length	.003
25. Waist Breadth	.718	57. Thickness at Metacarpal III	.232	89. Nose Protrusion	.058
26. Hip Breadth	.720	58. Hand Circumference	.294	90. Ear Length	.134
27. Chest Depth	.589	59. Hand Circumference at Thumb	.259	91. Ear Breadth	.100
28. Waist Depth	.643	60. Head Circumference	.047	92. Ear Protrusion	.041
29. Buttock Depth	.748	61. Sagittal Arc	.150	93. Subscapular Skinfold	.538
30. Hip Breadth-Sitting	.729	62. Bitrignon-Coronal Arc	.224	94. Juxta-Nipple Skinfold	.525
31. Neck Circumference	.524	63. Bitrignon-Minimum Frontal Arc	.290	95. Back of Arm Skinfold	.491
32. Shoulder Circumference	.646	64. Bitrignon-Subnasale Arc		96. Mid/Axillary Line at Umbilicus Skin Fold	.592

No.	38. Lower Thigh Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.723							
2.	Stature	.210							.345
3.	Tragion Height	.211							.385
4.	Cervicale Height	.196							-.012
5.	Suprasternale Height	.246							.175
6.	Nipple (Chest) Height	.211							.029
7.	Waist height	.139							.167
8.	Penale Height	.103							.191
9.	Gluteal Furrow Height	.133							.156
10.	Crotch Height	.145							.249
11.	Patella Height	.211							.291
12.	Sitting Height	.163							.209
13.	Eye Height Sitting	.198							.272
14.	Shoulder Height Sitting	.207							.176
15.	Elbow Rest Height	.119							.185
16.	Knee Height Sitting	.295							.136
17.	Popliteal Height Sitting	-.002							.115
18.	Buttock-Popliteal Length	.276							.220
19.	Buttock-Knee Length	.390							.165
20.	Shoulder-Elbow Length	.141							.205
21.	Forearm-Hand Length	.157							.088
22.	Functional Reach	.166							.070
23.	Bideltoid Diameter	.511							.102
24.	Chest Breadth	.538							.069
25.	Waist Breadth	.602							.077
26.	Hip Breadth	.617							.142
27.	Chest Depth	.499							.140
28.	Waist Depth	.532							.147
29.	Buttock Depth	.624							.079
30.	Hip Breadth-Sitting	.598							.380
31.	Neck Circumference	.537							.376
32.	Shoulder Circumference	.505							.313
33.	Chest Circumference								.419
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	39. Calf Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.734							
2.	Stature	.254							.365
3.	Tragion Height	.248							.346
4.	Cervicale Height	.245							.081
5.	Suprasternale Height	.274							.192
6.	Nipple (Chest) Height	.227							.056
7.	Waist height	.182							.181
8.	Penale Height	.162							.217
9.	Gluteal Furrow Height	.173							.176
10.	Crotch Height	.141							.215
11.	Patella Height	.203							.268
12.	Sitting Height	.227							.197
13.	Eye Height Sitting	.238							.242
14.	Shoulder Height Sitting	.230							.203
15.	Elbow Rest Height	.141							.139
16.	Knee Height Sitting	.312							.133
17.	Popliteal Height Sitting	.096							.096
18.	Buttock-Popliteal Length	.228							.161
19.	Buttock-Knee Length	.370							.173
20.	Shoulder-Elbow Length	.164							.175
21.	Forearm-Hand Length	.212							.084
22.	Functional Reach	.182							.110
23.	Bideltoid Diameter	.541							.124
24.	Chest Breadth	.504							.042
25.	Waist Breadth	.545							.086
26.	Hip Breadth	.570							.120
27.	Chest Depth	.477							.145
28.	Waist Depth	.449							.113
29.	Buttock Depth	.532							.084
30.	Hip Breadth-Sitting	.570							.305
31.	Neck Circumference	.477							.286
32.	Shoulder Circumference	.531							.282
33.	Chest Circumference		.87	11.2 - 17.8	13.1	14.7	16.6	0.0982	0.1546
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	40. Ankle Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		8.89	.49	7.2 - 10.7	7.9	8.9	10.0	0.2293	0.2146
1.	Weight	.651				.451	65. Bitrignon-Menton Arc		.339
2.	Stature	.354				.418	66. Bitrignon-Submandibular Arc		.307
3.	Tragion Height	.345				.571	67. Bitrignon-Inion Arc		.110
4.	Cervicale Height	.350				.560	68. Head Length		.211
5.	Suprasternale Height	.352				.540	69. Tragion to Wall		.063
6.	Nipple (Chest) Height	.306				.603	70. Nasal Root to Wall		.204
7.	Waist height	.278				.736	71. Pronasale to Wall		.236
8.	Penale Height	.239					72. External Canthus to Wall		.199
9.	Gluteal Furrow Height	.252				.462	73. Head Breadth		.224
10.	Crotch Height	.211				.397	74. Bitrignon Diameter		.281
11.	Patella Height	.287				.490	75. Maximum Frontal Diameter		.153
12.	Sitting Height	.314				.515	76. Bizygomatic Diameter		.195
13.	Eye Height Sitting	.298				.587	77. Bigonial Diameter		.144
14.	Shoulder Height Sitting	.294				.154	78. Biocular Diameter		.145
15.	Elbow Rest Height	.156				.351	79. Interpupillary Distance		.173
16.	Knee Height Sitting	.395				.217	80. Interocular Diameter		.161
17.	Popliteal Height Sitting	.192				.481	81. Nasal Root Breadth		.159
18.	Buttock-Popliteal Length	.260				.265	82. Nose Breadth		.199
19.	Buttock-Knee Length	.395				.302	83. Lip Length		.153
20.	Shoulder-Elbow Length	.233				.450	84. Menton-Subnasale Length		.138
21.	Forearm-Hand Length	.326				.380	85. Menton-Vertex Height		.163
22.	Functional Reach	.238				.358	86. Head Height (Tragion to Vertex)		.181
23.	Bideltoid Diameter	.458				.461	87. Lip-to-Lip Distance		.059
24.	Chest Breadth	.415				.465	88. Nose Length		.113
25.	Waist Breadth	.457				.290	89. Nose Protrusion		.126
26.	Hip Breadth	.522				.474	90. Ear Length		.179
27.	Chest Depth	.381				.509	91. Ear Breadth		.131
28.	Waist Depth	.348				.272	92. Ear Protrusion		.088
29.	Buttock Depth	.427				.067	93. Subscapular Skinfold		.204
30.	Hip Breadth-Sitting					.194	94. Juxta-Nipple Skinfold		.208
31.	Neck Circumference	.402				.270	95. Back of Arm Skinfold		.209
32.	Shoulder Circumference	.431				.299	96. Mid/Axillary Line at Umbilicus Skin Fold		.221

No.	41. Scye Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.705							
2.	Stature	.339							
3.	Tragion Height	.338							
4.	Cervicale Height	.342							
5.	Suprasternale Height	.367							
6.	Nipple (Chest) Height	.317							
7.	Waist height	.271							
8.	Penale Height	.240							
9.	Gluteal Furrow Height	.287							
10.	Crotch Height	.238							
11.	Patella Height	.332							
12.	Sitting Height	.252							
13.	Eye Height Sitting	.278							
14.	Shoulder Height Sitting	.317							
15.	Elbow Rest Height	.105							
16.	Knee Height Sitting	.404							
17.	Popliteal Height Sitting	.152							
18.	Buttock-Popliteal Length	.336							
19.	Buttock-Knee Length	.462							
20.	Shoulder-Elbow Length	.342							
21.	Forearm-Hand Length	.299							
22.	Functional Reach	.287							
23.	Bideltoid Diameter	.598							
24.	Chest Breadth	.580							
25.	Waist Breadth	.595							
26.	Hip Breadth	.507							
27.	Chest Depth	.552							
28.	Waist Depth	.501							
29.	Buttock Depth	.565							
30.	Hip Breadth-Sitting	.550							
31.	Neck Circumference	.580							
32.	Shoulder Circumference	.577							
33.	Chest Circumference				.649		65. Bitragion-Menton Arc		.429
34.	Waist Circumference				.588		66. Bitragion-Submandibular Arc		.464
35.	Buttock Circumference				.625		67. Bitragion-Inion Arc		-.006
36.	Buttock Circumference Sitting				.626		68. Head Length		.206
37.	Thigh Circumference				.577		69. Tragion to Wall		.025
38.	Lower Thigh Circumference				.561		70. Nasal Root to Wall		.185
39.	Calf Circumference				.526		71. Pronasale to Wall		.256
40.	Ankle Circumference				.462		72. External Canthus to Wall		.189
41.	Scye Circumference						73. Head Breadth		.218
42.	Axillary Arm Circumference				.632		74. Bitragion Diameter		.336
43.	Biceps Circumference				.695		75. Maximum Frontal Diameter		.181
44.	Lower Arm Circumference				.637		76. Bizygomatic Diameter		.223
45.	Wrist Circumference				.528		77. Bigonial Diameter		.176
46.	Sleeve Inseam				.170		78. Biocular Diameter		.181
47.	Sleeve Length (Spine-Wrist)				.420		79. Interupillary Distance		.149
48.	Gluteal Arc				.199		80. Interocular Diameter		.116
49.	Vertical Trunk Circumference				.555		81. Nasal Root Breadth		.189
50.	Interscye				.378		82. Nose Breadth		.206
51.	Interscye Maximum				.453		83. Lip Length		.255
52.	Foot Length				.233		84. Menton-Subnasale Length		.076
53.	Foot Breadth				.313		85. Menton-Vertex Height		.030
54.	Hand Length				.262		86. Head Height (Tragion to Vertex)		.079
55.	Hand Breadth				.378		87. Lip-to-Lip Distance		.027
56.	Hand Breadth at Thumb				.375		88. Nose Length		.124
57.	Thickness at Metacarpal III				.214		89. Nose Protrusion		.140
58.	Hand Circumference				.425		90. Ear Length		.183
59.	Hand Circumference at Thumb				.451		91. Ear Breadth		.164
60.	Head Circumference				.263		92. Ear Protrusion		.088
61.	Sagittal Arc				-.062		93. Subscapular Skinfold		.386
62.	Bitragion-Coronal Arc				.100		94. Juxta-Nipple Skinfold		.351
63.	Bitragion-Minimum Frontal Arc				.293		95. Back of Arm Skinfold		.221
64.	Bitragion-Subnasale Arc				.384		96. Mid/Axillary Line at Umbilicus Skin Fold		.364

No. 42. Axillary Arm Circumference		Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		13.00	.98	9.4 - 16.0	11.0	13.0	15.0	-0.0640	-0.0039
1. Weight	.727	33. Chest Circumference	.714	65. Bitrignon-Menton Arc	.337				
2. Stature	.134	34. Waist Circumference	.677	66. Bitrignon-Submandibular Arc	.405				
3. Trignon Height	.141	35. Buttock Circumference	.693	67. Bitrignon-Inion Arc	.114				
4. Cervicale Height	.128	36. Buttock Circumference Sitting	.673	68. Head Length	.161				
5. Suprasternale Height	.181	37. Thigh Circumference	.699	69. Trignon to Wall	.167				
6. Nipple (Chest) Height	.116	38. Lower Thigh Circumference	.571	70. Nasal Root to Wall	.185				
7. Waist height	.093	39. Calf Circumference	.543	71. Pronasale to Wall	.168				
8. Penale Height	.096	40. Ankle Circumference	.397	72. External Canthus to Wall	.167				
9. Gluteal Furrow Height	.082	41. Scye Circumference	.632	73. Head Breadth	.202				
10. Crotch Height	.053	42. Axillary Arm Circumference	.773	74. Bitrignon Diameter	.250				
11. Patella Height	.109	43. Biceps Circumference	.635	75. Maximum Frontal Diameter	.236				
12. Sitting Height	.087	44. Lower Arm Circumference	.401	76. Bizygomatic Diameter	.331				
13. Eye Height Sitting	.104	45. Wrist Circumference	.401	77. Bigonial Diameter	.344				
14. Shoulder Height Sitting	.090	46. Sleeve Inseam	-.002	78. Biocular Diameter	.141				
15. Elbow Rest Height	.101	47. Sleeve Length (Spine-Wrist)	.230	79. Interpupillary Distance	.029				
16. Knee Height Sitting	.131	48. Gluteal Arc	.022	80. Interocular Diameter	-.014				
17. Popliteal Height Sitting	-.061	49. Vertical Trunk Circumference	.540	81. Nasal Root Breadth	.130				
18. Buttock-Popliteal Length	.208	50. Interscye	.387	82. Nose Breadth	.127				
19. Buttock-Knee Length	.301	51. Interscye Maximum	.497	83. Lip Length	.112				
20. Shoulder-Elbow Length	.014	52. Foot Length	.124	84. Menton-Subnasale Length	-.030				
21. Forearm-Hand Length	.117	53. Foot Breadth	.078	85. Menton-Vertex Height	.014				
22. Functional Reach	.203	54. Hand Length	.016	86. Head Height (Trignon to Vertex)	-.003				
23. Bideloid Diameter	.578	55. Hand Breadth	.143	87. Lip-to-Lip Distance	-.053				
24. Chest Breadth	.502	56. Hand Breadth at Thumb	.179	88. Nose Length	-.017				
25. Waist Breadth	.592	57. Thickness at Metacarpal III	.185	89. Nose Protrusion	.041				
26. Hip Breadth	.495	58. Hand Circumference	.172	90. Ear Length	.151				
27. Chest Depth	.588	59. Hand Circumference at Thumb	.295	91. Ear Breadth	.077				
28. Waist Depth	.573	60. Head Circumference	.272	92. Ear Protrusion	-.016				
29. Buttock Depth	.580	61. Sagittal Arc	.073	93. Subscapular Skinfold	.530				
30. Hip Breadth-Sitting	.500	62. Bitrignon-Coronal Arc	.111	94. Juxta-Nipple Skinfold	.474				
31. Neck Circumference	.510	63. Bitrignon-Minimum Frontal Arc	.162	95. Back of Arm Skinfold	.347				
32. Shoulder Circumference	.732	64. Bitrignon-Subnasale Arc	.242	96. Mini/Axillary Line at Umbilicus Skin Fold	.610				

No.	43. Biceps Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		12.97	.95	10.0 - 15.8	11.1	13.0	15.0	0.0695	-0.0909
1.	Weight	.726							.375
2.	Stature	.158							.412
3.	Tragion Height	.159							.000
4.	Cervicale Height	.142							.194
5.	Suprasternale Height	.197							.058
6.	Nipple (Chest) Height	.145							.191
7.	Waist height	.091							.216
8.	Penale Height	.080							.186
9.	Gluteal Furrow Height	.110							.224
10.	Crotch Height	.088							.261
11.	Patella Height	.155							.215
12.	Sitting Height	.126							.271
13.	Eye Height Sitting	.169							.198
14.	Shoulder Height Sitting	.154							.155
15.	Elbow Rest Height	.099							.106
16.	Knee Height Sitting	.232							.087
17.	Popliteal Height Sitting	-.007							.182
18.	Buttock-Popliteal Length	.213							.198
19.	Buttock-Knee Length	.342							.222
20.	Shoulder-Elbow Length	.094							.055
21.	Forearm-Hand Length	.136							.056
22.	Functional Reach	.151							.087
23.	Bideltoid Diameter	.629							.018
24.	Chest Breadth	.597							.052
25.	Waist Breadth	.598							.119
26.	Hip Breadth	.529							.153
27.	Chest Depth	.598							.133
28.	Waist Depth	.508							.058
29.	Buttock Depth	.600							.424
30.	Hip Breadth-Sitting	.546							.382
31.	Neck Circumference	.632							.298
32.	Shoulder Circumference	.662							.449
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scoye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	44. Lower Arm Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.675							
2.	Stature	.300							
3.	Trigion Height	.299							
4.	Cervical Height	.275							
5.	Suprasternal Height	.320							
6.	Nipple (Chest) Height	.273							
7.	Waist height	.228							
8.	Penale Height	.210							
9.	Gluteal Furrow Height	.236							
10.	Crotch Height	.228							
11.	Patella Height	.275							
12.	Sitting Height	.239							
13.	Eye Height Sitting	.259							
14.	Shoulder Height Sitting	.241							
15.	Elbow Rest Height	.120							
16.	Knee Height Sitting	.334							
17.	Popliteal Height Sitting	.145							
18.	Buttock-Popliteal Length	.243							
19.	Buttock-Knee Length	.371							
20.	Shoulder-Elbow Length	.199							
21.	Forearm-Hand Length	.271							
22.	Functional Reach	.272							
23.	Bideltoid Diameter	.556							
24.	Chest Breadth	.515							
25.	Waist Breadth	.502							
26.	Hip Breadth	.491							
27.	Chest Depth	.480							
28.	Waist Depth	.417							
29.	Buttock Depth	.481							
30.	Hip Breadth-Sitting	.460							
31.	Neck Circumference	.597							
32.	Shoulder Circumference	.579							
33.	Chest Circumference				.615	65.	Bitrignon-Menton Arc		.405
34.	Waist Circumference				.502	66.	Bitrignon-Submandibular Arc		.421
35.	Buttock Circumference				.579	67.	Bitrignon-Inion Arc		.032
36.	Buttock Circumference Sitting				.565	68.	Head Length		.241
37.	Thigh Circumference				.578	69.	Trigion to Wall		.086
38.	Lower Thigh Circumference				.618	70.	Nasal Root to Wall		.254
39.	Calf Circumference				.605	71.	Pronasale to Wall		.271
40.	Ankle Circumference				.515	72.	External Canthus to Wall		.236
41.	Scye Circumference				.637	73.	Head Breadth		.255
42.	Axillary Arm Circumference				.635	74.	Bitrignon Diameter		.286
43.	Biceps Circumference				.775	75.	Maximum Frontal Diameter		.241
44.	Lower Arm Circumference					76.	Bizygomatic Diameter		.275
45.	Wrist Circumference				.612	77.	Bigonial Diameter		.193
46.	Sleeve Inseam				.136	78.	Biocular Diameter		.195
47.	Sleeve Length (Spine-Wrist)				.375	79.	Interpupillary Distance		.141
48.	Gluteal Arc				.159	80.	Interocular Diameter		.115
49.	Vertical Trunk Circumference				.522	81.	Nasal Root Breadth		.189
50.	Interscye				.389	82.	Nose Breadth		.228
51.	Interscye Maximum				.459	83.	Lip Length		.225
52.	Foot Length				.254	84.	Menton-Subnasale Length		.088
53.	Foot Breadth				.286	85.	Menton-Vertex Height		.129
54.	Hand Length				.230	86.	Head Height (Trigion to Vertex)		.117
55.	Hand Breadth				.409	87.	Lip-to-Lip Distance		.033
56.	Hand Breadth at Thumb				.439	88.	Nose Length		.102
57.	Thickness at Metacarpal III				.260	89.	Nose Protrusion		.142
58.	Hand Circumference				.468	90.	Ear Length		.140
59.	Hand Circumference at Thumb				.552	91.	Ear Breadth		.118
60.	Head Circumference				.316	92.	Ear Protrusion		.073
61.	Sagittal Arc				.012	93.	Subscapular Skinfold		.274
62.	Bitrignon-Coronal Arc				.150	94.	Juxta-Nipple Skinfold		.246
63.	Bitrignon-Minimum Frontal Arc				.275	95.	Back of Arm Skinfold		.173
64.	Bitrignon-Subnasale Arc				.351	96.	Mid/Axillary Line at Umbilical Skin Fold		.318

No. 45. Wrist Circumference

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
6.71	.32	5.6 - 7.6	6.1	6.7	7.4	0.1317	-0.1154

1. Weight	.591	33. Chest Circumference	.422	65. Bitragion-Menton Arc	.402
2. Stature	.422	34. Waist Circumference	.380	66. Bitragion-Submandibular Arc	.411
3. Tragon Height	.422	35. Buttock Circumference	.493	67. Bitragion-Inion Arc	.051
4. Cervicale Height	.402	36. Buttock Circumference Sitting	.491	68. Head Length	.234
5. Suprasternale Height	.420	37. Thigh Circumference	.404	69. Tragon to Wall	.058
6. Nipple (Chest) Height	.376	38. Lower Thigh Circumference	.528	70. Nasal Root to Wall	.233
7. Waist height	.330	39. Calf Circumference	.506	71. Pranasale to Wall	.288
8. Penale Height	.280	40. Ankle Circumference	.587	72. External Canthus to Wall	.222
9. Gluteal Furrow Height	.293	41. Scye Circumference	.528	73. Head Breadth	.207
10. Crotch Height	.296	42. Axillary Arm Circumference	.401	74. Bitragion Diameter	.291
11. Patella Height	.347	43. Biceps Circumference	.505	75. Maximum Frontal Diameter	.167
12. Sitting Height	.393	44. Lower Arm Circumference	.512	76. Bizygomatic Diameter	.202
13. Eye Height Sitting	.397	45. Wrist Circumference		77. Bigonial Diameter	.138
14. Shoulder Height Sitting	.373	46. Sleeve Inseam	.253	78. Biocular Diameter	.184
15. Elbow Rest Height	.158	47. Sleeve Length (Spine-Wrist)	.434	79. Interpupillary Distance	.185
16. Knee Height Sitting	.428	48. Gluteal Arc	.290	80. Interocular Diameter	.156
17. Popliteal Height Sitting	.256	49. Vertical Trunk Circumference	.499	81. Nasal Root Breadth	.177
18. Buttock-Popliteal Length	.267	50. Interscye	.321	82. Nose Breadth	.215
19. Buttock-Knee Length	.410	51. Interscye Maximum	.364	83. Lip Length	.207
20. Shoulder-Elbow Length	.343	52. Foot Length	.387	84. Menton-Subnasale Length	.138
21. Forearm-Hand Length	.413	53. Foot Breadth	.371	85. Menton-Vertex Height	.134
22. Functional Reach	.338	54. Hand Length	.419	86. Head Height (Tragon to Vertex)	.118
23. Bicipital Diameter	.461	55. Hand Breadth	.565	87. Lip-to-Lip Distance	.044
24. Chest Breadth	.400	56. Hand Breadth at Thumb	.567	88. Nose Length	.137
25. Waist Breadth	.412	57. Thickness at Metacarpal III	.339	89. Nose Protrusion	.176
26. Hip Breadth	.455	58. Hand Circumference	.600	90. Ear Length	.198
27. Chest Depth	.353	59. Hand Circumference at Thumb	.649	91. Ear Breadth	.169
28. Waist Depth	.216	60. Head Circumference	.263	92. Ear Protrusion	.113
29. Buttock Depth	.373	61. Sagittal Arc	.015	93. Subscapular Skinfold	.160
30. Hip Breadth-Sitting	.436	62. Bitragion-Coronal Arc	.109	94. Juxta-Nipple Skinfold	.163
31. Neck Circumference	.462	63. Bitragion-Minimum Frontal Arc	.256	95. Back of Arm Skinfold	.095
32. Shoulder Circumference	.427	64. Bitragion-Subnasale Arc	.348	96. Mid/Axillary Line at Umbilical Skin Fold	.195

No.	46. Sleeve Inseam	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.262							
2.	Stature	.715							.219
3.	Tragion Height	.715							.192
4.	Cervicale Height	.708							-.006
5.	Suprasternale Height	.709							.117
6.	Nipple (Chest) Height	.716							.020
7.	Waist height	.743							.120
8.	Penale Height	.746							.212
9.	Gluteal Furrow Height	.750							.109
10.	Crotch Height	.757							.042
11.	Patella Height	.639							.085
12.	Sitting Height	.370							.079
13.	Eye Height Sitting	.373							.042
14.	Shoulder Height Sitting	.292							.136
15.	Elbow Rest Height	-.204							.119
16.	Knee Height Sitting	.696							.043
17.	Popliteal Height Sitting	.684							.113
18.	Buttock-Popliteal Length	.555							.013
19.	Buttock-Knee Length	.628							.094
20.	Shoulder-Elbow Length	.732							.073
21.	Forearm-Hand Length	.772							.090
22.	Functional Reach	.718							.081
23.	Bideltoid Diameter	.201							.150
24.	Chest Breadth	.089							.163
25.	Waist Breadth	.138							.163
26.	Hip Breadth	.229							.116
27.	Chest Depth	.050							.111
28.	Waist Depth	-.002							.095
29.	Buttock Depth	.013							-.132
30.	Hip Breadth-Sitting	.153							-.085
31.	Neck Circumference	.076							-.034
32.	Shoulder Circumference	.131							-.058
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scoye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscoye								
51.	Interscoye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Foot Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	47. Sleeve Length (Spine-Wrist)	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.564							
2.	Stature	.718							
3.	Tragion Height	.717							
4.	Cervicale Height	.711							
5.	Suprasternale Height	.726							
6.	Nipple (Chest) Height	.676							
7.	Waist height	.708							
8.	Penale Height	.697							
9.	Gluteal Furrow Height	.690							
10.	Crotch Height	.680							
11.	Patella Height	.627							
12.	Sitting Height	.448							
13.	Eye Height Sitting	.441							
14.	Shoulder Height Sitting	.347							
15.	Elbow Rest Height	-.087							
16.	Knee Height Sitting	.669							
17.	Popliteal Height Sitting	.639							
18.	Buttock-Popliteal Length	.572							
19.	Buttock-Knee Length	.669							
20.	Shoulder-Elbow Length	.663							
21.	Forearm-Hand Length	.722							
22.	Functional Reach	.707							
23.	Bideltoid Diameter	.476							
24.	Chest Breadth	.341							
25.	Waist Breadth	.359							
26.	Hip Breadth	.415							
27.	Chest Depth	.281							
28.	Waist Depth	.222							
29.	Buttock Depth	.223							
30.	Hip Breadth-Sitting	.361							
31.	Neck Circumference	.312							
32.	Shoulder Circumference	.521							
33.	Chest Circumference				.407		65. Bitragion-Menton Arc		.339
34.	Waist Circumference				.323		66. Bitragion-Submandibular Arc		.321
35.	Buttock Circumference				.403		67. Bitragion-Inion Arc		.159
36.	Buttock Circumference Sitting				.399		68. Head Length		.215
37.	Thigh Circumference				.291		69. Tragion to Wall		.126
38.	Lower Thigh Circumference				.277		70. Nasal Root to Wall		.220
39.	Calf Circumference				.315		71. Pronasale to Wall		.284
40.	Ankle Circumference				.351		72. External Canthus to Wall		.193
41.	Soye Circumference				.420		73. Head Breadth		.162
42.	Axillary Arm Circumference				.330		74. Bitragion Diameter		.219
43.	Biceps Circumference				.285		75. Maximum Frontal Diameter		.168
44.	Lower Arm Circumference				.375		76. Bizygomatic Diameter		.217
45.	Wrist Circumference				.434		77. Bigonial Diameter		.181
46.	Sleeve Inseam				.708		78. Biocular Diameter		.190
47.	Sleeve Length (Spine-Wrist)						79. Interpupillary Distance		.158
48.	Gluteal Arc				.202		80. Interocular Diameter		.046
49.	Vertical Trunk Circumference				.508		81. Nasal Root Breadth		.090
50.	Interscye				.307		82. Nose Breadth		.103
51.	Interscye Maximum				.390		83. Lip Length		.068
52.	Foot Length				.555		84. Menton-Subnasale Length		.142
53.	Foot Breadth				.193		85. Menton-Vertex Height		.159
54.	Hand Length				.513		86. Head Height (Tragion to Vertex)		.106
55.	Hand Breadth				.327		87. Lip-to-Lip Distance		.066
56.	Hand Breadth at Thumb				.380		88. Nose Length		.133
57.	Thickness at Metacarpal III				.243		89. Nose Protrusion		.131
58.	Hand Circumference				.343		90. Ear Length		.178
59.	Hand Circumference at Thumb				.424		91. Ear Breadth		.146
60.	Head Circumference				.259		92. Ear Protrusion		.071
61.	Sagittal Arc				.140		93. Subscapular Skinfold		.077
62.	Bitragion-Coronal Arc				.196		94. Juxta-Nipple Skinfold		.076
63.	Bitragion-Minimum Frontal Arc				.167		95. Back of Arm Skinfold		.054
64.	Bitragion-Subnasale Arc				.229		96. Mid/Axillary Line at Umbilical Skin Fold		.165

No.	48. Gluteal Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.249							
2.	Stature	.359							
3.	Tragion Height	.358							
4.	Cervicale Height	.328							
5.	Suprasternale Height	.353							
6.	Nipple (Chest) Height	.357							
7.	Waist height	.375							
8.	Penale Height	.232							
9.	Gluteal Furrow Height	.161							
10.	Crotch Height	.225							
11.	Patella Height	.240							
12.	Sitting Height	.396							
13.	Eye Height Sitting	.388							
14.	Shoulder Height Sitting	.364							
15.	Elbow Rest Height	.240							
16.	Knee Height Sitting	.254							
17.	Popliteal Height Sitting	.181							
18.	Buttock-Popliteal Length	.240							
19.	Buttock-Knee Length	.272							
20.	Shoulder-Elbow Length	.214							
21.	Forearm-Hand Length	.210							
22.	Functional Reach	.163							
23.	Bideltoid Diameter	.170							
24.	Chest Breadth	.131							
25.	Waist Breadth	.096							
26.	Hip Breadth	.235							
27.	Chest Depth	.026							
28.	Waist Depth	.033							
29.	Buttock Depth	.177							
30.	Hip Breadth-Sitting	.234							
31.	Neck Circumference	.107							
32.	Shoulder Circumference	.082							
33.	Chest Circumference					.062			.188
34.	Waist Circumference					.038			.174
35.	Buttock Circumference					.253			.025
36.	Buttock Circumference Sitting					.258			.089
37.	Thigh Circumference					.137			.018
38.	Lower Thigh Circumference					.217			.089
39.	Calf Circumference					.156			.124
40.	Ankle Circumference					.217			.077
41.	Soye Circumference					.199			.091
42.	Axillary Arm Circumference					.022			.117
43.	Biceps Circumference					.102			.089
44.	Lower Arm Circumference					.159			.088
45.	Wrist Circumference					.290			.058
46.	Sleeve Inseam					.169			.090
47.	Sleeve Length (Spine-Wrist)					.202			.073
48.	Gluteal Arc								.051
49.	Vertical Trunk Circumference					.381			.085
50.	Interscye					.121			.078
51.	Interscye Maximum					.180			.081
52.	Foot Length					.213			.078
53.	Foot Breadth					.164			.082
54.	Hand Length					.178			.092
55.	Hand Breadth					.207			.055
56.	Hand Breadth at Thumb					.239			.108
57.	Thickness at Metacarpal III					.069			.068
58.	Hand Circumference					.214			.069
59.	Hand Circumference at Thumb					.228			.082
60.	Head Circumference					.096			.072
61.	Sagittal Arc					.005			.057
62.	Bitragion-Coronal Arc					.067			.018
63.	Bitragion-Minimum Frontal Arc					.123			.030
64.	Bitragion-Subnasale Arc					.133			.015
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	49. Vertical Trunk Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.795			.583				.376
2.	Stature	.626			.572				.415
3.	Tragion Height	.624			.708				.190
4.	Cervicale Height	.611			.704				.231
5.	Suprasternale Height	.636			.612				.190
6.	Nipple (Chest) Height	.568			.518				.241
7.	Waist height	.470			.504				.274
8.	Penale Height	.368			.481				.230
9.	Gluteal Furrow Height	.382			.555				.199
10.	Crotch Height	.351			.540				.268
11.	Patella Height	.386			.524				.184
12.	Sitting Height	.642			.522				.280
13.	Eye Height Sitting	.639			.499				.311
14.	Shoulder Height Sitting	.648			.258				.135
15.	Elbow Rest Height	.473			.508				.097
16.	Knee Height Sitting	.437			.381				.037
17.	Popliteal Height Sitting	.307							.063
18.	Buttock-Popliteal Length	.427			.327				.129
19.	Buttock-Knee Length	.536			.477				.082
20.	Shoulder-Elbow Length	.330			.419				.125
21.	Forearm-Hand Length	.409			.164				.145
22.	Functional Reach	.403			.319				.103
23.	Bideltoid Diameter	.524			.324				.009
24.	Chest Breadth	.478			.370				.096
25.	Waist Breadth	.557			.278				.101
26.	Hip Breadth	.609			.342				.236
27.	Chest Depth	.472			.437				.164
28.	Waist Depth	.506			.312				.058
29.	Buttock Depth	.568			.142				.333
30.	Hip Breadth-Sitting	.594			.215				.347
31.	Neck Circumference	.472			.215				.215
32.	Shoulder Circumference	.612			.278				.398
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum: Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

Vo. 50. Interscye

Mean S. D. Range 2nd Percentile Median 98th Percentile Skewness Kurtosis

16.19 1.20 12.2 - 20.9 13.9 16.2 18.7 0.1202 0.0960

1. Weight	.449	33. Chest Circumference	.492	65. Bitragion-Menton Arc	.300
2. Stature	.171	34. Waist Circumference	.376	66. Bitragion-Submandibular Arc	.347
3. Tragon Height	.173	35. Buttock Circumference	.384	67. Bitragion-Inion Arc	-.087
4. Cervicale Height	.162	36. Buttock Circumference Sitting	.383	68. Head Length	.168
5. Suprasternale Height	.185	37. Thigh Circumference	.348	69. Tragon to Wall	.049
6. Nipple (Chest) Height	.160	38. Lower Thigh Circumference	.355	70. Nasal Root to Wall	.160
7. Waist height	.155	39. Calf Circumference	.333	71. Pronasale to Wall	.182
8. Penale Height	.154	40. Ankle Circumference	.265	72. External Canthus to Wall	.140
9. Gluteal Furrow Height	.146	41. Scye Circumference	.378	73. Head Breadth	.163
10. Crotch Height	.137	42. Axillary Arm Circumference	.387	74. Bitragion Diameter	.229
11. Patella Height	.202	43. Biceps Circumference	.423	75. Maximum Frontal Diameter	.120
12. Sitting Height	.078	44. Lower Arm Circumference	.389	76. Bizygomatic Diameter	.215
13. Eye Height Sitting	.113	45. Wrist Circumference	.321	77. Bigonial Diameter	.074
14. Shoulder Height Sitting	.020	46. Sleeve Inseam	.102	78. Biocular Diameter	.205
15. Elbow Rest Height	-.127	47. Sleeve Length (Spine-Wrist)	.307	79. Interpupillary Distance	.133
16. Knee Height Sitting	.210	48. Gluteal Arc	.121	80. Interocular Diameter	.105
17. Popliteal Height Sitting	.073	49. Vertical Trunk Circumference	.327	81. Nasal Root Breadth	.217
18. Buttock-Popliteal Length	.191	50. Interscye		82. Nose Breadth	.152
19. Buttock-Knee Length	.274	51. Interscye Maximum	.633	83. Lip Length	.206
20. Shoulder-Elbow Length	.146	52. Foot Length	.066	84. Menton-Subnasale Length	.055
21. Forearm-Hand Length	.146	53. Foot Breadth	.187	85. Menton-Vertex Height	.029
22. Functional Reach	.219	54. Hand Length	.067	86. Head Height (Tragon to Vertex)	.053
23. Bideloid Diameter	.641	55. Hand Breadth	.174	87. Lip-to-Lip Distance	.063
24. Chest Breadth	.512	56. Hand Breadth at Thumb	.178	88. Nose Length	.092
25. Waist Breadth	.398	57. Thickness at Metacarpal III	.055	89. Nose Protrusion	.147
26. Hip Breadth	.290	58. Hand Circumference	.211	90. Ear Length	.068
27. Chest Depth	.349	59. Hand Circumference at Thumb	.293	91. Ear Breadth	.059
28. Waist Depth	.282	60. Head Circumference	.177	92. Ear Protrusion	.053
29. Buttock Depth	.317	61. Sagittal Arc	-.075	93. Subscapular Skinfold	.183
30. Hip Breadth-Sitting	.316	62. Bitragion-Coronal Arc	.053	94. Juxta-Nipple Skinfold	.168
31. Neck Circumference	.420	63. Bitragion-Minimum Frontal Arc	.166	95. Back of Arm Skinfold	.047
32. Shoulder Circumference	.515	64. Bitragion-Subnasale Arc	.234	96. Mid/Axillary Line at Umbilious Skin Fold	.225

No.	51. Interscye Maximum	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.573							.297
2.	Stature	.264							.337
3.	Tragion Height	.267							.075
4.	Cervicale Height	.254							.165
5.	Suprasternale Height	.290							.129
6.	Nipple (Chest) Height	.240							.187
7.	Waist height:	.227							.176
8.	Penale Height	.191							.156
9.	Gluteal Furrow Height	.186							.194
10.	Crotch Height	.173							.246
11.	Patella Height	.222							.208
12.	Sitting Height	.238							.285
13.	Eye Height Sitting	.235							.268
14.	Shoulder Height Sitting	.215							.178
15.	Elbow Rest Height	.118							.101
16.	Knee Height Sitting	.226							.048
17.	Popliteal Height Sitting	.141							.093
18.	Buttock-Popliteal Length	.239							.134
19.	Buttock-Knee Length	.327							.130
20.	Shoulder-Elbow Length	.154							.060
21.	Forearm-Hand Length	.210							.057
22.	Functional Reach	.279							.050
23.	Bideltoid Diameter	.579							-.022
24.	Chest Breadth	.537							.075
25.	Waist Breadth	.462							.057
26.	Hip Breadth	.388							.110
27.	Chest Depth	.423							.079
28.	Waist Depth	.370							.005
29.	Buttock Depth	.385							.269
30.	Hip Breadth-Sitting	.378							.261
31.	Neck Circumference	.457							.086
32.	Shoulder Circumference	.619							.371
33.	Chest Circumference				.582				
34.	Waist Circumference				.471				
35.	Buttock Circumference				.485				
36.	Buttock Circumference Sitting				.474				
37.	Thigh Circumference				.437				
38.	Lower Thigh Circumference				.407				
39.	Calf Circumference				.388				
40.	Ankle Circumference				.302				
41.	Soye Circumference				.453				
42.	Axillary Arm Circumference				.497				
43.	Biceps Circumference				.475				
44.	Lower Arm Circumference				.459				
45.	Wrist Circumference				.364				
46.	Sleeve Inseam				.083				
47.	Sleeve Length (Spine-Wrist)				.390				
48.	Gluteal Arc				.180				
49.	Vertical Trunk Circumference				.477				
50.	Interscye				.633				
51.	Interscye Maximum								
52.	Foot Length				.174				
53.	Foot Breadth				.089				
54.	Hand Length				.113				
55.	Hand Breadth				.183				
56.	Hand Breadth at Thumb				.211				
57.	Thickness at Metacarpal III				.117				
58.	Hand Circumference				.206				
59.	Hand Circumference at Thumb				.305				
60.	Head Circumference				.229				
61.	Sagittal Arc				.045				
62.	Bitragion-Coronal Arc				.096				
63.	Bitragion-Minimum Frontal Arc				.132				
64.	Bitragion-Subnasale Arc				.205				
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	52. Foot Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.448			.223		65. Bitracion-Menton Arc		.239
2.	Stature	.661			.203		66. Bitracion-Submandibular Arc		.189
3.	Tragion Height	.657			.317		67. Bitracion-Inion Arc		.242
4.	Cervicale Height	.656			.296		68. Head Length		.189
5.	Suprasternale Height	.648			.193		69. Tragion to Wall		.162
6.	Nipple (Chest) Height	.598			.190		70. Nasal Root to Wall		.213
7.	Waist height	.615			.291		71. Pronasale to Wall		.267
8.	Penale Height	.589			.450		72. External Canthus to Wall		.202
9.	Gluteal Furrow Height	.596			.233		73. Head Breadth		.098
10.	Crotch Height	.592			.124		74. Bitracion Diameter		.150
11.	Patella Height	.551			.127		75. Maximum Frontal Diameter		.070
12.	Sitting Height	.468			.254		76. Bizygomatic Diameter		.126
13.	Eye Height Sitting	.424			.387		77. Bigonial Diameter		.164
14.	Shoulder Height Sitting	.354			.497		78. Biocular Diameter		.092
15.	Elbow Rest Height	.073			.111		79. Interpupillary Distance		.111
16.	Knee Height Sitting	.598			.213		80. Interocular Diameter		.049
17.	Popliteal Height Sitting	.595			.419		81. Nasal Root Breadth		-.026
18.	Buttock-Popliteal Length	.451			.066		82. Nose Breadth		.070
19.	Buttock-Knee Length	.543			.174		83. Lip Length		-.036
20.	Shoulder-Elbow Length	.470					84. Menton-Subnasale Length		.154
21.	Forearm-Hand Length	.712			.181		85. Menton-Vertex Height		.215
22.	Functional Reach	.554			.659		86. Head Height (Tragion to Vertex)		.145
23.	Bideltoid Diameter	.220			.392		87. Lip-to-Lip Distance		.046
24.	Chest Breadth	.173			.461		88. Nose Length		.171
25.	Waist Breadth	.253			.278		89. Nose Protrusion		.095
26.	Hip Breadth	.366			.376		90. Ear Length		.175
27.	Chest Depth	.190			.423		91. Ear Breadth		.135
28.	Waist Depth	.147			.233		92. Ear Protrusion		.022
29.	Buttock Depth	.148			.239		93. Subscapular Skinfold		-.030
30.	Hip Breadth-Sitting	.308			.227		94. Juxta-Nipple Skinfold		.007
31.	Neck Circumference	.167			.128		95. Back of Arm Skinfold		.008
32.	Shoulder Circumference	.290			.161		96. Mid/Axillary Line at Umbilical Skin Fold		.045

No. 53. Foot Breadth

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.284							.265
2. Stature	.246							.226
3. Tragon Height	.245							-.204
4. Cervicale Height	.243							.126
5. Suprasternale Height	.236							-.172
6. Nipple (Chest) Height	.248							.077
7. Waist height	.210							.151
8. Penale Height	.178							.084
9. Gluteal Furrow Height	.211							.182
10. Crotch Height	.170							.230
11. Patella Height	.278							.107
12. Sitting Height	.187							-.004
13. Eye Height Sitting	.227							-.204
14. Shoulder Height Sitting	.250							.165
15. Elbow Rest Height	.031							.244
16. Knee Height Sitting	.397							.280
17. Popliteal Height Sitting	.117							.338
18. Buttock-Popliteal Length	.207							.175
19. Buttock-Knee Length	.286							.306
20. Shoulder-Elbow Length	.316							.132
21. Forearm-Hand Length	.257							.060
22. Functional Reach	.135							.183
23. Bideloid Diameter	.310							.198
24. Chest Breadth	.234							.179
25. Waist Breadth	.242							.227
26. Hip Breadth	.245							.097
27. Chest Depth	.144							.138
28. Waist Depth	.086							.127
29. Buttock Depth	.188							.005
30. Hip Breadth-Sitting	.314							.001
31. Neck Circumference	.279							-.027
32. Shoulder Circumference	.085							-.141
33. Chest Circumference				.185		65. Bitragon-Menton Arc		
34. Waist Circumference				.142		66. Bitragon-Submandibular Arc		
35. Buttock Circumference				.226		67. Bitragon-Inion Arc		
36. Buttock Circumference Sitting				.250		68. Head Length		
37. Thigh Circumference				.197		69. Tragon to Wall		
38. Lower Thigh Circumference				.304		70. Nasal Root to Wall		
39. Calf Circumference				.331		71. Pronasale to Wall		
40. Ankle Circumference				.380		72. External Canthus to Wall		
41. Scye Circumference				.313		73. Head Breadth		
42. Axillary Arm Circumference				.078		74. Bitragon Diameter		
43. Biceps Circumference				.240		75. Maximum Frontal Diameter		
44. Lower Arm Circumference				.286		76. Bizygomatic Diameter		
45. Wrist Circumference				.371		77. Bigonial Diameter		
46. Sleeve Inseam				.202		78. Biocular Diameter		
47. Sleeve Length (Spine-Wrist)				.193		79. Interpupillary Distance		
48. Gluteal Arc				.164		80. Interocular Diameter		
49. Vertical Trunk Circumference				.164		81. Nasal Root Breadth		
50. Interscye				.187		82. Nose Breadth		
51. Interscye Maximum				.089		83. Lip Length		
52. Foot Length				.181		84. Menton-Subnasale Length		
53. Foot Breadth						85. Menton-Vertex Height		
54. Hand Length				.372		86. Head Height (Tragon to Vertex)		
55. Hand Breadth				.464		87. Lip-to-Lip Distance		
56. Hand Breadth at Thumb				.422		88. Nose Length		
57. Thickness at Metacarpal III				.084		89. Nose Protrusion		
58. Hand Circumference				.504		90. Ear Length		
59. Hand Circumference at Thumb				.446		91. Ear Breadth		
60. Head Circumference				.100		92. Ear Protrusion		
61. Sagittal Arc				-.266		93. Subscapular Skinfold		
62. Bitragon-Coronal Arc				.009		94. Juxta-Nipple Skinfold		
63. Bitragon-Minimum Frontal Arc				.318		95. Back of Arm Skinfold		
64. Bitragon-Subnasale Arc				.338		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	54. Hand Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.350							
2.	Stature	.600							
3.	Tragion Height	.594							
4.	Cervicale Height	.619							
5.	Suprasternale Height	.588							
6.	Nipple (Chest) Height	.565							
7.	Waist height	.570							
8.	Penale Height	.530							
9.	Gluteal Furrow Height	.585							
10.	Crotch Height	.526							
11.	Patella Height	.547							
12.	Sitting Height	.428							
13.	Eye Height Sitting	.399							
14.	Shoulder Height Sitting	.404							
15.	Elbow Rest Height	.013							
16.	Knee Height Sitting	.656							
17.	Popliteal Height Sitting	.546							
18.	Buttock-Popliteal Length	.411							
19.	Buttock-Knee Length	.503							
20.	Shoulder-Elbow Length	.592							
21.	Forearm-Hand Length	.775							
22.	Functional Reach	.496							
23.	Bideltoid Diameter	.253							
24.	Chest Breadth	.177							
25.	Waist Breadth	.217							
26.	Hip Breadth	.268							
27.	Chest Depth	.150							
28.	Waist Depth	.111							
29.	Buttock Depth	.118							
30.	Hip Breadth-Sitting	.298							
31.	Neck Circumference	.208							
32.	Shoulder Circumference	.186							
33.	Chest Circumference				.164		65. Bitragion-Menton Arc		.273
34.	Waist Circumference				.145		66. Bitragion-Submandibular Arc		.187
35.	Buttock Circumference				.198		67. Bitragion-Inion Arc		.094
36.	Buttock Circumference Sitting				.203		68. Head Length		.190
37.	Thigh Circumference				.110		69. Tragion to Wall		-.002
38.	Lower Thigh Circumference				.136		70. Nasal Root to Wall		.172
39.	Calf Circumference				.214		71. Pronasale to Wall		.271
40.	Ankle Circumference				.358		72. External Canthus to Wall		.177
41.	Soye Circumference				.262		73. Head Breadth		.082
42.	Axillary Arm Circumference				.016		74. Bitragion Diameter		.184
43.	Biceps Circumference				.121		75. Maximum Frontal Diameter		.012
44.	Lower Arm Circumference				.230		76. Bizygomatic Diameter		-.004
45.	Wrist Circumference				.419		77. Bigonial Diameter		-.023
46.	Sleeve Inseam				.537		78. Biocular Diameter		.066
47.	Sleeve Length (Spine-Wrist)				.513		79. Interpupillary Distance		.173
48.	Gluteal Arc				.178		80. Interocular Diameter		.175
49.	Vertical Trunk Circumference				.319		81. Nasal Root Breadth		.037
50.	Interscye				.067		82. Nose Breadth		.136
51.	Interscye Maximum				.113		83. Lip Length		.114
52.	Foot Length				.659		84. Menton-Subnasale Length		.202
53.	Foot Breadth				.372		85. Menton-Vertex Height		.178
54.	Hand Length						86. Head Height (Tragion to Vertex)		.186
55.	Hand Breadth				.560		87. Lip-to-Lip Distance		.106
56.	Hand Breadth at Thumb				.602		88. Nose Length		.247
57.	Thickness at Metacarpal III				.307		89. Nose Protrusion		.166
58.	Hand Circumference				.568		90. Ear Length		.195
59.	Hand Circumference at Thumb				.520		91. Ear Breadth		.136
60.	Head Circumference				.181		92. Ear Protrusion		.104
61.	Sagittal Arc				.028		93. Subscapular Skinfold		-.054
62.	Bitragion-Coronal Arc				.136		94. Juxta-Nipple Skinfold		-.010
63.	Bitragion-Minimum Frontal Arc				.259		95. Back of Arm Skinfold		-.029
64.	Bitragion-Subnasale Arc				.279		96. Mid/Axillary Line at Umbilical Skin Fold		-.122

No.	55. Hand Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.396							.317
2.	Stature	.396							.250
3.	Tragion Height	.391							.046
4.	Cervicale Height	.396							.221
5.	Suprasternale Height	.379							-.000
6.	Nipple (Chest) Height	.356							.175
7.	Waist height	.327							.239
8.	Penale Height	.280							.184
9.	Gluteal Furrow Height	.318							.150
10.	Crotch Height	.286							.242
11.	Patella Height	.357							.085
12.	Sitting Height	.358							.077
13.	Eye Height Sitting	.343							.018
14.	Shoulder Height Sitting	.356							.135
15.	Elbow Rest Height	.113							.190
16.	Knee Height Sitting	.451							.207
17.	Popliteal Height Sitting	.283							.157
18.	Buttock-Popliteal Length	.259							.201
19.	Buttock-Knee Length	.362							.231
20.	Shoulder-Elbow Length	.382							.178
21.	Forearm-Hand Length	.458							.155
22.	Functional Reach	.290							.175
23.	Bideltoid Diameter	.338							.098
24.	Chest Breadth	.259							.161
25.	Waist Breadth	.266							.173
26.	Hip Breadth	.297							.174
27.	Chest Depth	.227							.108
28.	Waist Depth	.171							.135
29.	Buttock Depth	.210							.016
30.	Hip Breadth-Sitting	.334							.029
31.	Neck Circumference	.305							-.040
32.	Shoulder Circumference	.220							-.073
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	56.	Hand Breadth at Thumb	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.430	4.20	.19	3.5 - 4.8	3.8	4.2	4.6	-0.0328	0.1955
2.	Stature	.453								
3.	Tragion Height	.447								
4.	Cervicale Height	.443								
5.	Suprasternale Height	.433								
6.	Nipple (Chest) Height	.405								
7.	Waist height	.378								
8.	Penale Height	.342								
9.	Gluteal Furrow Height	.368								
10.	Crotch Height	.326								
11.	Patella Height	.382								
12.	Sitting Height	.411								
13.	Eye Height Sitting	.401								
14.	Shoulder Height Sitting	.386								
15.	Elbow Rest Height	.139								
16.	Knee Height Sitting	.478								
17.	Popliteal Height Sitting	.334								
18.	Buttock-Popliteal Length	.268								
19.	Buttock-Knee Length	.390								
20.	Shoulder-Elbow Length	.402								
21.	Forearm-Hand Length	.507								
22.	Functional Reach	.338								
23.	Bideltoid Diameter	.353								
24.	Chest Breadth	.254								
25.	Waist Breadth	.265								
26.	Hip Breadth	.318								
27.	Chest Depth	.224								
28.	Waist Depth	.162								
29.	Buttock Depth	.195								
30.	Hip Breadth-Sitting	.340								
31.	Neck Circumference	.335								
32.	Shoulder Circumference	.270								

No.	57. Thickness at Metacarpal III	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.296							
2.	Stature	.230							.172
3.	Trigion Height	.218							.115
4.	Caricula Height	.245							.273
5.	Suprasternal Height	.210							.120
6.	Nipple (Chest) Height	.172							.134
7.	Waist Height	.177							.145
8.	Penale Height	.161							.149
9.	Gluteal Furrow Height	.171							.138
10.	Crotch Height	.149							.114
11.	Patella Height	.155							.191
12.	Sitting Height	.226							.027
13.	Eye Height Sitting	.183							.116
14.	Shoulder Height Sitting	.191							.210
15.	Elbow Rest Height	.069							.012
16.	Knee Height Sitting	.197							.036
17.	Popliteal Height Sitting	.212							.030
18.	Buttock-Popliteal Length	.124							-.069
19.	Buttock-Knee Length	.178							.135
20.	Shoulder-Elbow Length	.206							.014
21.	Forearm-Hand Length	.273							.128
22.	Functional Reach	.227							.164
23.	Bideltoid Diameter	.165							.055
24.	Chest Breadth	.138							-.032
25.	Waist Breadth	.156							.070
26.	Hip Breadth	.182							-.015
27.	Chest Depth	.218							.181
28.	Waist Depth	.160							.105
29.	Buttock Depth	.167							.010
30.	Hip Breadth-Sitting	.209							.097
31.	Neck Circumference	.207							.070
32.	Shoulder Circumference	.271							.062
33.	Chest Circumference				.205		65. Bitragion-Menton Arc		.172
34.	Waist Circumference				.179		66. Bitragion-Submandibular Arc		.115
35.	Buttock Circumference				.199		67. Bitragion-Inion Arc		.273
36.	Buttock Circumference Sitting				.190		68. Head Length		.120
37.	Thigh Circumference				.164		69. Trigion to Wall		.134
38.	Lower Thigh Circumference				.130		70. Nasal Root to Wall		.145
39.	Calf Circumference				.194		71. Pronasale to Wall		.149
40.	Ankle Circumference				.290		72. External Canthus to Wall		.138
41.	Soye Circumference				.214		73. Head Breadth		.114
42.	Axillary Arm Circumference				.185		74. Bitragion Diameter		.191
43.	Biceps Circumference				.179		75. Maximum Frontal Diameter		.027
44.	Lower Arm Circumference				.260		76. Bizygomatic Diameter		.116
45.	Wrist Circumference				.339		77. Bigonial Diameter		.210
46.	Sleeve Inseam				.105		78. Biocular Diameter		.012
47.	Sleeve Length (Spine-Wrist)				.243		79. Interpupillary Distance		.036
48.	Gluteal Arc				.069		80. Interocular Diameter		.030
49.	Vertical Trunk Circumference				.278		81. Nasal Root Breadth		-.069
50.	Intersoye				.055		82. Nose Breadth		.135
51.	Intersoye Maximum				.117		83. Lip Length		.014
52.	Foot Length				.278		84. Menton-Subnasale Length		.128
53.	Foot Breadth				.084		85. Menton-Vertex Height		.164
54.	Hand Length				.307		86. Head Height (Trigion to Vertex)		.055
55.	Hand Breadth				.315		87. Lip-to-Lip Distance		-.032
56.	Hand Breadth at Thumb				.346		88. Nose Length		.070
57.	Thickness at Metacarpal III						89. Nose Protrusion		-.015
58.	Hand Circumference				.392		90. Ear Length		.181
59.	Hand Circumference at Thumb				.419		91. Ear Breadth		.105
60.	Head Circumference				.185		92. Ear Protrusion		.010
61.	Sagittal Arc				.171		93. Subscapular Skinfold		.097
62.	Bitragion-Coronal Arc				.132		94. Juxta-Nipple Skinfold		.070
63.	Bitragion-Minimum Frontal Arc				.090		95. Back of Arm Skinfold		.062
64.	Bitragion-Subnasale Arc				.151		96. Mid/Axillary Line at Umbilical Skin Fold		.053

No.	58. Hand Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.430							
2.	Stature	.398							
3.	Tragion Height	.391							
4.	Cervicale Height	.387							
5.	Suprasternale Height	.379							
6.	Nipple (Chest) Height	.352							
7.	Waist height	.318							
8.	Penale Height	.267							
9.	Gluteal Furrow Height	.323							
10.	Crotch Height	.270							
11.	Patella Height	.366							
12.	Sitting Height	.361							
13.	Eye Height Sitting	.363							
14.	Shoulder Height Sitting	.378							
15.	Elbow Rest Height	.103							
16.	Knee Height Sitting	.476							
17.	Popliteal Height Sitting	.254							
18.	Buttock-Popliteal Length	.264							
19.	Buttock-Knee Length	.370							
20.	Shoulder-Elbow Length	.418							
21.	Forearm-Hand Length	.450							
22.	Functional Reach	.306							
23.	Bicepoid Diameter	.378							
24.	Chest Breadth	.315							
25.	Waist Breadth	.301							
26.	Hip Breadth	.319							
27.	Chest Depth	.271							
28.	Waist Depth	.186							
29.	Buttock Depth	.245							
30.	Hip Breadth-Sitting	.367							
31.	Neck Circumference	.375							
32.	Shoulder Circumference	.235							
33.	Chest Circumference				.291		65. Bitragion-Menton Arc		.353
34.	Waist Circumference				.225		66. Bitragion-Submandibular Arc		.285
35.	Buttock Circumference				.299		67. Bitragion-Inion Arc		-.004
36.	Buttock Circumference Sitting				.317		68. Head Length		.220
37.	Thigh Circumference				.232		69. Tragion to Wall		-.048
38.	Lower Thigh Circumference				.330		70. Nasal Root to Wall		.182
39.	Calf Circumference				.381		71. Pronasale to Wall		.269
40.	Ankle Circumference				.474		72. External Canthus to Wall		.200
41.	Scye Circumference				.425		73. Head Breadth		.201
42.	Axillary Arm Circumference				.172		74. Bitragion Diameter		.274
43.	Biceps Circumference				.351		75. Maximum Frontal Diameter		.098
44.	Lower Arm Circumference				.468		76. Bizygomatic Diameter		.102
45.	Wrist Circumference				.600		77. Bigonial Diameter		-.015
46.	Sleeve Inseam				.285		78. Biocular Diameter		.134
47.	Sleeve Length (Spine-Wrist)				.343		79. Interpillary Distance		.244
48.	Gluteal Arc				.214		80. Interocular Diameter		.253
49.	Vertical Trunk Circumference				.342		81. Nasal Root Breadth		.224
50.	Interscye				.211		82. Nose Breadth		.234
51.	Interscye Maximum				.206		83. Lip Length		.274
52.	Foot Length				.376		84. Menton-Subnasale Length		.214
53.	Foot Breadth				.504		85. Menton-Vertex Height		.143
54.	Hand Length				.568		86. Head Height (Tragion to Vertex)		.196
55.	Hand Breadth				.852		87. Lip-to-Lip Distance		.094
56.	Hand Breadth at Thumb				.724		88. Nose Length		.226
57.	Thickness at Metacarpal III				.392		89. Nose Protrusion		.221
58.	Hand Circumference						90. Ear Length		.164
59.	Hand Circumference at Thumb				.850		91. Ear Breadth		.169
60.	Head Circumference				.227		92. Ear Protrusion		.161
61.	Sagittal Arc				-.117		93. Subscapular Skinfold		.017
62.	Bitragion-Coronal Arc				.091		94. Juxta-Nipple Skinfold		.029
63.	Bitragion-Minimum Frontal Arc				.343		95. Back of Arm Skinfold		-.053
64.	Bitragion-Subnasale Arc				.377		96. Mid/Axillary Line at Umbilical Skin Fold		-.085

No.	59. Hand Circumference at Thumb	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.513							
2.	Stature	.436							.383
3.	Tragion Height	.436							.348
4.	Cervicale Height	.410							.068
5.	Suprasternale Height	.430							.255
6.	Nipple (Chest) Height	.390							.050
7.	Waist height	.359							.247
8.	Pecale Height	.314							.299
9.	Gluteal Furrow Height	.341							.239
10.	Crotch Height	.320							.190
11.	Patella Height	.391							.260
12.	Sitting Height	.378							.160
13.	Eye Height Sitting	.387							.189
14.	Shoulder Height Sitting	.354							.093
15.	Elbow Rest Height	.128							.183
16.	Knee Height Sitting	.452							.211
17.	Popliteal Height Sitting	.292							.167
18.	Buttock-Popliteal Length	.262							.224
19.	Buttock-Knee Length	.375							.224
20.	Shoulder-Elbow Length	.345							.241
21.	Forearm-Hand Length	.467							.187
22.	Functional Reach	.394							.165
23.	Bideltoid Diameter	.419							.123
24.	Chest Breadth	.342							.078
25.	Waist Breadth	.330							.195
26.	Hip Breadth	.379							.214
27.	Chest Depth	.315							.183
28.	Waist Depth	.243							.179
29.	Buttock Depth	.278							.117
30.	Hip Breadth-Sitting	.360							.046
31.	Neck Circumference	.418							.046
32.	Shoulder Circumference	.351							-.041
33.	Chest Circumference								.040
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	60. Head Circumference	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.399							
2.	Stature	.237							.345
3.	Tragion Height	.209							.305
4.	Cervicals Height	.211							.298
5.	Suprasternale Height	.230							.748
6.	Nipple (Chest) Height	.200							.406
7.	Waist height	.178							.682
8.	Penale Height	.165							.584
9.	Gluteal Furrow Height	.153							.604
10.	Crotch Height	.132							.449
11.	Patella Height	.192							.335
12.	Sitting Height	.209							.186
13.	Eye Height Sitting	.167							.269
14.	Shoulder Height Sitting	.141							.262
15.	Elbow Rest Height	.083							.310
16.	Knee Height Sitting	.200							.276
17.	Popliteal Height Sitting	.139							.180
18.	Buttock-Popliteal Length	.141							.112
19.	Buttock-Knee Length	.202							.215
20.	Shoulder-Elbow Length	.117							.110
21.	Forearm-Hand Length	.213							.156
22.	Functional Reach	.166							.362
23.	Bideltoid Diameter	.302							.343
24.	Chest Breadth	.269							-.011
25.	Waist Breadth	.296							.103
26.	Hip Breadth	.261							.101
27.	Chest Depth	.271							.139
28.	Waist Depth	.230							.115
29.	Buttock Depth	.247							.045
30.	Hip Breadth-Sitting	.266							.179
31.	Neck Circumference	.321							.119
32.	Shoulder Circumference	.328							.105
33.	Chest Circumference								.138
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Soye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal II								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	61. Sagittal Arc	Mean	S.D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		14.53	.86	11.9 - 16.9	12.7	14.6	16.1	-0.3660	-0.2248
1.	Weight	.112		33. Chest Circumference	.042		65. Bitrignon-Menton Arc		.057
2.	Stature	.140		34. Waist Circumference	.045		66. Bitrignon-Submandibular Arc		.027
3.	Trignon Height	.115		35. Buttock Circumference	.061		67. Bitrignon-Inion Arc		.486
4.	Cervicale Height	.107		36. Buttock Circumference Sitting	.008		68. Head Length		.340
5.	Suprasternale Height	.105		37. Thigh Circumference	.047		69. Trignon to Wall		.382
6.	Nipple (Chest) Height	.071		38. Lower Thigh Circumference	-.029		70. Nasal Root to Wall		.361
7.	Waist height	.116		39. Calf Circumference	.028		71. Pronasale to Wall		.231
8.	Penale Height	.121		40. Ankle Circumference	.067		72. External Canthus to Wall		.289
9.	Gluteal Furrow Height	.049		41. Scye Circumference	-.062		73. Head Breadth		-.003
10.	Crotch Height	.096		42. Axillary Arm Circumference	.073		74. Bitrignon Diameter		-.079
11.	Patella Height	.009		43. Biceps Circumference	-.034		75. Maximum Frontal Diameter		-.034
12.	Sitting Height	.157		44. Lower Arm Circumference	.012		76. Bizygomatic Diameter		.107
13.	Eye Height Sitting	.038		45. Wrist Circumference	.015		77. Bigonial Diameter		.436
14.	Shoulder Height Sitting	-.052		46. Sleeve Inseam	-.005		78. Biocular Diameter		.028
15.	Elbow Rest Height	.073		47. Sleeve Length (Spine-Wrist)	.140		79. Interpupillary Distance		-.023
16.	Knee Height Sitting	-.045		48. Gluteal Arc	.005		80. Interocular Diameter		-.074
17.	Popliteal Height Sitting	.154		49. Vertical Trunk Circumference	.142		81. Nasal Root Breadth		-.185
18.	Buttock-Popliteal Length	.002		50. Interscye	-.075		82. Nose Breadth		.019
19.	Buttock-Knee Length	-.026		51. Interscye Maximum	.045		83. Lip Length		-.245
20.	Shoulder-Elbow Length	-.114		52. Foot Length	.239		84. Menton-Subnasale Length		.061
21.	Forearm-Hand Length	.127		53. Foot Breadth	-.266		85. Menton-Vertex Height		.346
22.	Functional Reach	.117		54. Hand Length	.028		86. Head Height (Trignon to Vertex)		.205
23.	Bideltoid Diameter	-.058		55. Hand Breadth	-.049		87. Lip-to-Lip Distance		-.083
24.	Chest Breadth	-.013		56. Hand Breadth at Thumb	-.007		88. Nose Length		-.097
25.	Waist Breadth	.016		57. Thickness at Metacarpal III	.171		89. Nose Protrusion		-.121
26.	Hip Breadth	.042		58. Hand Circumference	-.117		90. Ear Length		.030
27.	Chest Depth	.009		59. Hand Circumference at Thumb	-.029		91. Ear Breadth		-.041
28.	Waist Depth	.035		60. Head Circumference	.460		92. Ear Protrusion		-.094
29.	Buttock Depth	-.014		61. Sagittal Arc			93. Subscapular Skinfold		.051
30.	Hip Breadth-Sitting	-.013		62. Bitrignon-Coronal Arc	.471		94. Juxta-Nipple Skinfold		-.013
31.	Neck Circumference	-.026		63. Bitrignon-Minimum Frontal Arc	-.020		95. Back of Arm Skinfold		.069
32.	Shoulder Circumference	.186		64. Bitrignon-Subnasale Arc	-.063		96. Mid/Axillary Line at Umbilicus Skin Fold		.148

No.	62. Bitracion-Coronal Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.237							.098
2.	Stature	.244							.044
3.	Tragion Height	.181							.284
4.	Cervicale Height	.198							.224
5.	Suprasternale Height	.194							.179
6.	Nipple (Chest) Height	.162							.241
7.	Waist height	.182							.175
8.	Penale Height	.165							.189
9.	Gluteal Furrow Height	.133							.431
10.	Crotch Height	.152							.174
11.	Patella Height	.141							.184
12.	Sitting Height	.235							.174
13.	Eye Height Sitting	.126							.285
14.	Shoulder Height Sitting	.078							.191
15.	Elbow Rest Height	.073							.172
16.	Knee Height Sitting	.146							.093
17.	Popliteal Height Sitting	.172							.005
18.	Buttock-Popliteal Length	.106							.090
19.	Buttock-Knee Length	.133							-.043
20.	Shoulder-Elbow Length	.063							.150
21.	Forearm-Hand Length	.189							.414
22.	Functional Reach	.135							.562
23.	Bideltoid Diameter	.144							.047
24.	Chest Breadth	.151							.030
25.	Waist Breadth	.157							.008
26.	Hip Breadth	.183							.057
27.	Chest Depth	.090							.030
28.	Waist Depth	.094							.014
29.	Buttock Depth	.102							.047
30.	Hip Breadth-Sitting	.177							.049
31.	Neck Circumference	.148							.093
32.	Shoulder Circumference	.197							.098
33.	Chest Circumference				.153				
34.	Waist Circumference				.130				
35.	Buttock Circumference				.183				
36.	Buttock Circumference Sitting				.139				
37.	Thigh Circumference				.150				
38.	Lower Thigh Circumference				.126				
39.	Calf Circumference				.157				
40.	Ankle Circumference				.194				
41.	Soye Circumference				.100				
42.	Axillary Arm Circumference				.111				
43.	Biceps Circumference				.101				
44.	Lower Arm Circumference				.150				
45.	Wrist Circumference				.109				
46.	Sleeve Inseam				.088				
47.	Sleeve Length (Spine-Wrist)				.196				
48.	Gluteal Arc				.067				
49.	Vertical Trunk Circumference				.215				
50.	Interscye				.053				
51.	Interscye Maximum				.096				
52.	Foot Length				.227				
53.	Foot Breadth				.009				
54.	Hand Length				.136				
55.	Hand Breadth				.088				
56.	Hand Breadth at Thumb				.111				
57.	Thickness at Metacarpal III				.132				
58.	Hand Circumference				.091				
59.	Hand Circumference at Thumb				.116				
60.	Head Circumference				.493				
61.	Sagittal Arc				.471				
62.	Bitracion-Coronal Arc								
63.	Bitracion-Minimum Frontal Arc				.346				
64.	Bitracion-Subnasale Arc				.071				
65.	Bitracion-Menton Arc								
66.	Bitracion-Submandibular Arc								
67.	Bitracion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitracion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distances								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	63. Bitrignon-Minimum Frontal Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	11.89	.43	10.5 - 13.4	11.0	11.9	12.8	0.1316	0.1291
2.	Stature	.316							
3.	Trignon Height	.178							
4.	Cervicale Height	.151							
5.	Suprasternale Height	.166							
6.	Nipple (Chest) Height	.167							
7.	Waist height	.152							
8.	Penale Height	.121							
9.	Gluteal Furrow Height	.096							
10.	Crotch Height	.114							
11.	Patella Height	.065							
12.	Sitting Height	.170							
13.	Eye Height Sitting	.162							
14.	Shoulder Height Sitting	.164							
15.	Elbow Rest Height	.188							
16.	Knee Height Sitting	.048							
17.	Popliteal Height Sitting	.253							
18.	Buttock-Popliteal Length	.057							
19.	Buttock-Knee Length	.144							
20.	Shoulder-Elbow Length	.218							
21.	Forearm-Hand Length	.229							
22.	Functional Reach	.168							
23.	Bideltoid Diameter	.056							
24.	Chest Breadth	.329							
25.	Waist Breadth	.275							
26.	Hip Breadth	.257							
27.	Chest Depth	.240							
28.	Waist Depth	.180							
29.	Buttock Depth	.171							
30.	Hip Breadth-Sitting	.229							
31.	Neck Circumference	.316							
32.	Shoulder Circumference	.324							
33.	Chest Circumference	.159							
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Trignon to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Inter-supillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Trignon to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	64. Bitragion-Subnasale Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.407							.720
2.	Stature	.217							.601
3.	Tragion Height	.216							-.052
4.	Cervicale Height	.226							.363
5.	Suprasternale Height	.228							-.119
6.	Nipple (Chest) Height	.215							.322
7.	Waist height	.165							.424
8.	Penale Height	.123							.283
9.	Gluteal Furrow Height	.175							.240
10.	Crotch Height	.113							.464
11.	Patella Height	.215							.272
12.	Sitting Height	.192							.304
13.	Eye Height Sitting	.206							.142
14.	Shoulder Height Sitting	.250							.376
15.	Elbow Rest Height	.077							.386
16.	Knee Height Sitting	.297							.365
17.	Popliteal Height Sitting	.106							.268
18.	Buttock-Popliteal Length	.180							.343
19.	Buttock-Knee Length	.265							.400
20.	Shoulder-Elbow Length	.276							.125
21.	Forearm-Hand Length	.216							.108
22.	Functional Reach	.128							.121
23.	Bideltoid Diameter	.405							.090
24.	Chest Breadth	.348							.223
25.	Waist Breadth	.333							.162
26.	Hip Breadth	.298							.197
27.	Chest Depth	.283							.142
28.	Waist Depth	.232							.102
29.	Buttock Depth	.299							.165
30.	Hip Breadth-Sitting	.372							.145
31.	Neck Circumference	.417							.076
32.	Shoulder Circumference	.269							.070
33.	Chest Circumference				.340				
34.	Waist Circumference				.281				
35.	Buttock Circumference				.323				
36.	Buttock Circumference Sitting				.341				
37.	Thigh Circumference				.290				
38.	Lower Thigh Circumference				.315				
39.	Calf Circumference				.338				
40.	Ankle Circumference				.299				
41.	Sole Circumference				.384				
42.	Axillary Arm Circumference				.242				
43.	Biceps Circumference				.343				
44.	Lower Arm Circumference				.351				
45.	Wrist Circumference				.348				
46.	Sleeve Inseam				.150				
47.	Sleeve Length (Spine-Wrist)				.229				
48.	Gluteal Arc				.133				
49.	Vertical Trunk Circumference				.278				
50.	Interscye				.234				
51.	Interscye Maximum				.205				
52.	Foot Length				.161				
53.	Foot Breadth				.338				
54.	Hand Length				.279				
55.	Hand Breadth				.324				
56.	Hand Breadth at Thumb				.321				
57.	Thickness at Metacarpal III				.151				
58.	Hand Circumference				.377				
59.	Hand Circumference at Thumb				.345				
60.	Head Circumference				.355				
61.	Sagittal Arc				-.063				
62.	Bitragion-Coronal Arc				.071				
63.	Bitragion-Minimum Frontal Arc				.645				
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	65. Bitragion-Menton Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.481							
2.	Stature	.313							.757
3.	Tragion Height	.319							.024
4.	Cervicale Height	.307							.349
5.	Suprasternale Height	.320							.011
6.	Nipple (Chest) Height	.291							.329
7.	Waist height	.260							.405
8.	Penale Height	.217							.299
9.	Gluteal Furrow Height	.240							.216
10.	Crotch Height	.207							.395
11.	Patella Height	.285							.225
12.	Sitting Height	.257							.301
13.	Eye Height Sitting	.277							.211
14.	Shoulder Height Sitting	.251							.295
15.	Elbow Rest Height	.066							.256
16.	Knee Height Sitting	.329							.208
17.	Popliteal Height Sitting	.177							.212
18.	Buttock-Popliteal Length	.257							.294
19.	Buttock-Knee Length	.330							.363
20.	Shoulder-Elbow Length	.287							.202
21.	Forearm-Hand Length	.298							.215
22.	Functional Reach	.250							.060
23.	Bideltoid Diameters:	.443							.038
24.	Chest Breadth	.367							.186
25.	Waist Breadth	.359							.173
26.	Hip Breadth	.356							.248
27.	Chest Depth	.324							.191
28.	Waist Depth	.263							.068
29.	Buttock Depth	.312							.168
30.	Hip Breadth-Sitting	.362							.149
31.	Neck Circumference	.453							.081
32.	Shoulder Circumference	.373							.134
33.	Chest Circumference				.397		65. Bitragion-Menton Arc		
34.	Waist Circumference				.315		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.384		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.398		68. Head Length		
37.	Thigh Circumference				.313		69. Tragion to Wall		
38.	Lower Thigh Circumference				.345		70. Nasal Root to Wall		
39.	Calf Circumference				.365		71. Pronasale to Wall		
40.	Ankle Circumference				.339		72. External Canthus to Wall		
41.	Scye Circumference				.429		73. Head Breadth		
42.	Axillary Arm Circumference				.337		74. Bitragion Diameter		
43.	Biceps Circumference				.375		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.405		76. Bizygomatic Diameter		
45.	Wrist Circumference				.402		77. Bigonial Diameter		
46.	Sleeve Inscam				.219		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.339		79. Interpupillary Distance		
48.	Gluteal Arc				.188		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.376		81. Nasal Root Breadth		
50.	Interscye				.300		82. Nose Breadth		
51.	Interscye Maximum				.297		83. Lip Length		
52.	Foot Length				.239		84. Menton-Subnasale Length		
53.	Foot Breadth				.265		85. Menton-Vertex Height		
54.	Hand Length				.273		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.317		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.326		88. Nose Length		
57.	Thickness at Metacarpal III				.172		89. Nose Protrusion		
58.	Hand Circumference				.353		90. Ear Length		
59.	Hand Circumference at Thumb				.383		91. Ear Breadth		
60.	Head Circumference				.345		92. Ear Protrusion		
61.	Sagittal Arc				.057		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.098		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.449		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.720		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	66. Bitragion-Submandibular Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.505							.757
2.	Stature	.290							-.115
3.	Tragion Height	.298							.281
4.	Cervicale Height	.276							.039
5.	Suprasternale Height	.307							.267
6.	Nipple (Chest) Height	.274							.329
7.	Waist height	.222							.246
8.	Penale Height	.183							.210
9.	Gluteal Furrow Height	.214							.400
10.	Crotch Height	.185							.204
11.	Patella Height	.275							.337
12.	Sitting Height	.237							.192
13.	Eye Height Sitting	.258							.309
14.	Shoulder Height Sitting	.260							.227
15.	Elbow Rest Height	.094							.135
16.	Knee Height Sitting	.297							.239
17.	Popliteal Height Sitting	.116							.233
18.	Buttock-Popliteal Length	.252							.324
19.	Buttock-Knee Length	.326							.096
20.	Shoulder-Elbow Length	.234							.150
21.	Forearm-Hand Length	.237							.010
22.	Functional Reach	.250							.038
23.	Bideltoid Diameter	.427							.168
24.	Chest Breadth	.386							.214
25.	Waist Breadth	.398							.243
26.	Hip Breadth	.360							.200
27.	Chest Depth	.375							.075
28.	Waist Depth	.354							.242
29.	Buttock Depth	.379							.238
30.	Hip Breadth-Sitting	.339							.140
31.	Neck Circumference	.470							.251
32.	Shoulder Circumference	.393							
33.	Chest Circumference				.443		65. Bitragion-Menton Arc		
34.	Waist Circumference				.391		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.428		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.456		68. Head Length		
37.	Thigh Circumference				.357		69. Tragion to Wall		
38.	Lower Thigh Circumference				.385		70. Nasal Root to Wall		
39.	Cal? Circumference				.346		71. Pronasale to Wall		
40.	Ankle Circumference				.307		72. External Canthus to Wall		
41.	Soye Circumference				.464		73. Head Breadth		
42.	Axillary Arm Circumference				.405		74. Bitragion Diameter		
43.	Biceps Circumference				.412		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.421		76. Bizygomatic Diameter		
45.	Wrist Circumference				.411		77. Bizygomatic Diameter		
46.	Sleeve Inseam				.192		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.321		79. Interpupillary Distance		
48.	Gluteal Arc				.174		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.415		81. Nasal Root Breadth		
50.	Interscye				.347		82. Nose Breadth		
51.	Interscye Maximum				.337		83. Lip Length		
52.	Foot Length				.189		84. Menton-Subnasale Length		
53.	Foot Breadth				.226		85. Menton-Vertex Height		
54.	Hand Length				.187		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.250		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.259		88. Nose Length		
57.	Thickness at Metacarpal III				.115		89. Nose Protrusion		
58.	Hand Circumference				.285		90. Ear Length		
59.	Hand Circumference at Thumb				.348		91. Ear Breadth		
60.	Head Circumference				.305		92. Ear Protrusion		
61.	Sagittal Arc				.027		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.044		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.331		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.601		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	67. Bitragion-Inion Arc	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.188							.024
2.	Stature	.130							-.115
3.	Tragion Height	.116							.191
4.	Cervicale Height	.139							.377
5.	Suprasternale Height	.111							.222
6.	Nipple (Chest) Height	.072							.177
7.	Waist height	.086							.203
8.	Penale Height	.088							.063
9.	Gluteal Furrow Height	.067							.092
10.	Crotch Height	.064							.131
11.	Patella Height	.006							.023
12.	Sitting Height	.195							.504
13.	Eye Height Sitting	.089							-.054
14.	Shoulder Height Sitting	.055							-.081
15.	Elbow Rest Height	.150							-.078
16.	Knee Height Sitting	-.054							-.267
17.	Popliteal Height Sitting	.180							.076
18.	Buttock-Popliteal Length	.028							-.205
19.	Buttock-Knee Length	.033							.117
20.	Shoulder-Elbow Length	-.027							.210
21.	Forearm-Hand Length	.157							.070
22.	Functional Reach	.126							-.117
23.	Bideltoid Diameter	.044							-.042
24.	Chest Breadth	.053							-.138
25.	Waist Breadth	.083							.128
26.	Hip Breadth	.125							.023
27.	Chest Depth	.122							.006
28.	Waist Depth	.147							.138
29.	Buttock Depth	.100							.093
30.	Hip Breadth-Sitting	.115							.129
31.	Neck Circumference	.067							.140
32.	Shoulder Circumference	.270							
33.	Chest Circumference	.119							
34.	Waist Circumference	.135							
35.	Buttock Circumference	.113							
36.	Buttock Circumference Sitting	.073							
37.	Thigh Circumference	.105							
38.	Lower Thigh Circumference	-.012							
39.	Calf Circumference	.081							
40.	Ankle Circumference	.110							
41.	Soye Circumference	-.006							
42.	Axillary Arm Circumference	.114							
43.	Biceps Circumference	.000							
44.	Lower Arm Circumference	.032							
45.	Wrist Circumference	.051							
46.	Sleeve Inseam	-.006							
47.	Sleeve Length (Spine-Wrist)	.159							
48.	Gluteal Arc	-.025							
49.	Vertical Trunk Circumference	.190							
50.	Interscye	-.087							
51.	Interscye Maximum	.075							
52.	Foot Length	.242							
53.	Foot Breadth	-.204							
54.	Hand Length	.094							
55.	Hand Breadth	.046							
56.	Hand Breadth at Thumb	.056							
57.	Thickness at Metacarpal III	.273							
58.	Hand Circumference	-.004							
59.	Hand Circumference at Thumb	.068							
60.	Head Circumference	.298							
61.	Sagittal Arc	.486							
62.	Bitragion-Coronal Arc	.284							
63.	Bitragion-Minimum Frontal Arc	-.068							
64.	Bitragion-Subnasale Arc	-.052							
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

Vo. 68. Head Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.280							.349
2. Stature	.219							.281
3. Tragon Height	.202							.191
4. Cervicale Height	.198							
5. Suprasternale Height	.214							.467
6. Nipple (Chest) Height	.196							.845
7. Waist height	.180							.737
8. Penale Height	.173							.728
9. Gluteal Furrow Height	.155							.057
10. Crotch Height	.136							.112
11. Patella Height	.193							.011
12. Sitting Height	.189							.088
13. Eye Height Sitting	.168							.069
14. Shoulder Height Sitting	.143							.247
15. Elbow Rest Height	.047							.218
16. Knee Height Sitting	.205							.169
17. Popliteal Height Sitting	.135							.147
18. Buttock-Popliteal Length	.129							.189
19. Buttock-Knee Length	.187							.150
20. Shoulder-Elbow Length	.145							.179
21. Forearm-Hand Length	.206							.314
22. Functional Reach	.146							.239
23. Bideloid Diameter	.254							.059
24. Chest Breadth	.211							.095
25. Waist Breadth	.198							.123
26. Hip Breadth	.162							.153
27. Chest Depth	.178							.105
28. Waist Depth	.125							.053
29. Buttock Depth	.157							.091
30. Hip Breadth-Sitting	.181							.043
31. Neck Circumference	.242							.021
32. Shoulder Circumference	.221							.038
33. Chest Circumference				.222		65. Bitragon-Menton Arc		
34. Waist Circumference				.174		66. Bitragon-Submandibular Arc		
35. Buttock Circumference				.183		67. Bitragon-Inion Arc		
36. Buttock Circumference Sitting				.203		68. Head Length		
37. Thigh Circumference				.148		69. Tragon to Wall		
38. Lower Thigh Circumference				.175		70. Nasal Root to Wall		
39. Calf Circumference				.192		71. Pronasale to Wall		
40. Ankle Circumference				.211		72. External Canthus to Wall		
41. Scye Circumference				.206		73. Head Breadth		
42. Axillary Arm Circumference				.161		74. Bitragon Diameter		
43. Biceps Circumference				.194		75. Maximum Frontal Diameter		
44. Lower Arm Circumference				.241		76. Bizygomatic Diameter		
45. Wrist Circumference				.234		77. Bigonial Diameter		
46. Sleeve Inseam				.117		78. Biocular Diameter		
47. Sleeve Length (Spine-Wrist)				.215		79. Interpupillary Distance		
48. Gluteal Arc				.089		80. Interocular Diameter		
49. Vertical Trunk Circumference				.231		81. Nasal Root Breadth		
50. Interscye				.168		82. Nose Breadth		
51. Interscye Maximum				.165		83. Lip Length		
52. Foot Length				.189		84. Menton-Subnasale Length		
53. Foot Breadth				.126		85. Menton-Vertex Height		
54. Hand Length				.190		86. Head Height (Tragon to Vertex)		
55. Hand Breadth				.221		87. Lip-to-Lip Distance		
56. Hand Breadth at Thumb				.229		88. Nose Length		
57. Thickness at Metacarpal III				.120		89. Nose Protrusion		
58. Hand Circumference				.220		90. Ear Length		
59. Hand Circumference at Thumb				.255		91. Ear Breadth		
60. Head Circumference				.748		92. Ear Protrusion		
61. Sagittal Arc				.340		93. Subscapular Skinfold		
62. Bitragon-Coronal Arc				.224		94. Juxta-Nipple Skinfold		
63. Bitragon-Minimum Frontal Arc				.425		95. Back of Arm Skinfold		
64. Bitragon-Subnasale Arc				.363		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	69. Tragon to Wall	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.168							
2.	Stature	.121							.011
3.	Tragon Height	.113							.039
4.	Cervicale Height	.113							.377
5.	Suprasternale Height	.120							.467
6.	Nipple (Chest) Height	.085							
7.	Waist height	.109							.564
8.	Penale Height	.114							.530
9.	Gluteal Furrow Height	.082							.685
10.	Crotch Height	.098							-.017
11.	Patella Height	.076							-.051
12.	Sitting Height	.096							-.012
13.	Eye Height Sitting	.046							.054
14.	Shoulder Height Sitting	.009							.226
15.	Elbow Rest Height	.062							-.007
16.	Knee Height Sitting	.007							-.090
17.	Popliteal Height Sitting	.129							-.166
18.	Buttock-Popliteal Length	.046							-.145
19.	Buttock-Knee Length	.068							.009
20.	Shoulder-Elbow Length	-.053							-.083
21.	Forearm-Hand Length	.109							.057
22.	Functional Reach	.138							.085
23.	Bideltoid Diameter	.020							.013
24.	Chest Breadth	.027							-.074
25.	Waist Breadth	.087							-.003
26.	Hip Breadth	.101							-.059
27.	Chest Depth	.150							.113
28.	Waist Depth	.124							.018
29.	Buttock Depth	.057							-.024
30.	Hip Breadth-Sitting	.035							.084
31.	Neck Circumference	.050							.075
32.	Shoulder Circumference	.201							.055
33.	Chest Circumference								.157
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragon-Coronal Arc								
63.	Bitragon-Minimum Frontal Arc								
64.	Bitragon-Subnasale Arc								
65.	Bitragon-Menton Arc								
66.	Bitragon-Submandibular Arc								
67.	Bitragon-Inion Arc								
68.	Head Length								
69.	Tragon to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragon to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	70. Nasal Root to Wall	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		7.89	.27	6.9 - 9.3	7.4	7.9	8.5	0.2547	1.0116

1. Weight	.283	33. Chest Circumference	.222	55. Bitrignon-Menton Arc	.329
2. Stature	.232	34. Waist Circumference	.176	56. Bitrignon-Submandibular Arc	.267
3. Trignon Height	.214	35. Buttock Circumference	.191	67. Bitrignon-Inion Arc	.222
4. Cervicale Height	.207	36. Buttock Circumference Sitting	.200	68. Head Length	.845
5. Suprasternale Height	.225	37. Thigh Circumference	.143	69. Trignon to Wall	.564
6. Nipple (Chest) Height	.193	38. Lower Thigh Circumference	.167	70. Nasal Root to Wall	.824
7. Waist height	.189	39. Calf Circumference	.181	71. Pronasale to Wall	.818
8. Penale Height	.182	40. Ankle Circumference	.204	72. External Canthus to Wall	.026
9. Gluteal Furrow Height	.160	41. Scye Circumference	.189	73. Head Breadth	.066
10. Crotch Height	.156	42. Axillary Arm Circumference	.185	74. Bitrignon Diameter	.064
11. Patella Height	.192	43. Biceps Circumference	.191	75. Maximum Frontal Diameter	.069
12. Sitting Height	.209	44. Lower Arm Circumference	.254	76. Bizygomatic Diameter	.123
13. Eye Height Sitting	.163	45. Wrist Circumference	.233	77. Bigonial Diameter	.209
14. Shoulder Height Sitting	.120	46. Sleeve Inseam	.120	78. Biocular Diameter	.155
15. Elbow Rest Height	.073	47. Sleeve Length (Spine-Wrist)	.220	79. Interpupillary Distance	.087
16. Knee Height Sitting	.179	48. Gluteal Arc	.089	80. Interocular Diameter	.088
17. Popliteal Height Sitting	.158	49. Vertical Trunk Circumference	.241	81. Nasal Root Breadth	.181
18. Buttock-Popliteal Length	.117	50. Interscye	.160	82. Nose Breadth	.127
19. Buttock-Knee Length	.176	51. Interscye Maximum	.187	83. Lip Length	.182
20. Shoulder-Elbow Length	.092	52. Foot Length	.213	84. Menton-Subnasale Length	.332
21. Forearm-Hand Length	.210	53. Foot Breadth	.077	85. Menton-Vertex Height	.238
22. Functional Reach	.186	54. Hand Length	.172	86. Head Height (Trignon to Vertex)	.071
23. Bideloid Diameter	.220	55. Hand Breadth	.175	87. Lip-to-Lip Distance	.128
24. Chest Breadth	.203	56. Hand Breadth at Thumb	.208	88. Nose Length	.097
25. Waist Breadth	.186	57. Thickness at Metacarpal III	.145	89. Nose Protrusion	.176
26. Hip Breadth	.178	58. Hand Circumference	.182	90. Ear Length	.116
27. Chest Depth	.172	59. Hand Circumference at Thumb	.247	91. Ear Breadth	.013
28. Waist Depth	.131	60. Head Circumference	.682	92. Ear Protrusion	.072
29. Buttock Depth	.147	61. Sagittal Arc	.361	93. Subscapular Skinfold	.044
30. Hip Breadth-Sitting	.170	62. Bitrignon-Coronal Arc	.241	94. Juxta-Nipple Skinfold	.028
31. Neck Circumference	.229	63. Bitrignon-Minimum Frontal Arc	.343	95. Back of Arm Skinfold	.076
32. Shoulder Circumference	.237	64. Bitrignon-Subnasale Arc	.322	96. Mid/Axillary Line at Umbilicus Skin Fold	

No. 71. Pronasale to Wall

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.333							.405
2. Stature	.308							.329
3. Tragon Height	.297							.177
4. Carviale Height	.301							.737
5. Suprasternale Height	.302							.530
6. Nipple (Chest) Height	.279							.824
7. Waist height	.273							
8. Penale Height	.251							.776
9. Gluteal Furrow Height	.256							.031
10. Crotch Height	.245							.126
11. Patella Height	.291							.076
12. Sitting Height	.233							.077
13. Eye Height Sitting	.210							.068
14. Shoulder Height Sitting	.188							.216
15. Elbow Rest Height	.054							.206
16. Knee Height Sitting	.305							.113
17. Popliteal Height Sitting	.220							.130
18. Buttock-Popliteal Length	.210							.229
19. Buttock-Knee Length	.278							.207
20. Shoulder-Elbow Length	.225							.208
21. Forearm-Hand Length	.287							.128
22. Functional Reach	.236							.169
23. Bideloid Diameter	.262							.083
24. Chest Breadth	.225							.302
25. Waist Breadth	.237							.247
26. Hip Breadth	.224							.229
27. Chest Depth	.248							.172
28. Waist Depth	.166							.069
29. Buttock Dept	.167							.060
30. Hip Breadth-Sitting	.225							.056
31. Neck Circumference	.274							.010
32. Shoulder Circumference	.225							.026
33. Chest Circumference				.261		65. Bitragon-Menton Arc		
34. Waist Circumference				.211		66. Bitragon-Submandibular Arc		
35. Buttock Circumference				.219		67. Bitragon-Inion Arc		
36. Buttock Circumference Sitting				.246		68. Head Length		
37. Thigh Circumference				.161		69. Tragon to Wall		
38. Lower Thigh Circumference				.191		70. Nasal Root to Wall		
39. Calf Circumference				.217		71. Pronasale to Wall		
40. Ankle Circumference				.236		72. External Canthus to Wall		
41. Scye Circumference				.256		73. Head Breadth		
42. Axillary Arm Circumference				.168		74. Bitragon Diameter		
43. Biceps Circumference				.216		75. Maximum Frontal Diameter		
44. Lower Arm Circumference				.271		76. Bizygomatic Diameter		
45. Wrist Circumference				.288		77. Bigonial Diameter		
46. Sleeve Inseam				.212		78. Biocular Diameter		
47. Sleeve Length (Spine-Wrist)				.284		79. Interpillary Distance		
48. Gluteal Arc				.124		80. Interocular Diameter		
49. Vertical Trunk Circumference				.274		81. Nasal Root Breadth		
50. Interscye				.182		82. Nose Breadth		
51. Interscye Maximum				.176		83. Lip Length		
52. Foot Length				.267		84. Menton-Subnasale Length		
53. Foot Breadth				.151		85. Menton-Vertex Height		
54. Hand Length				.271		86. Head Height (Tragon to Vertex)		
55. Hand Breadth				.239		87. Lip-to-Lip Distance		
56. Hand Breadth at Thumb				.259		88. Nose Length		
57. Thickness at Metacarpal III				.149		89. Nose Protrusion		
58. Hand Circumference				.269		90. Ear Length		
59. Hand Circumference at Thumb				.299		91. Ear Breadth		
60. Head Circumference				.584		92. Ear Protrusion		
61. Sagittal Arc				.231		93. Subscapular Skinfold		
62. Bitragon-Coronal Arc				.175		94. Juxta-Nipple Skinfold		
63. Bitragon-Minimum Frontal Arc				.341		95. Back of Arm Skinfold		
64. Bitragon-Subnasale Arc				.424		96. Mid/Axillary Line at Umbilical Skin Fold		

No.	72. External Canthus to Wall	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.275							.299
2.	Stature	.219							.246
3.	Tragion Height	.202							.203
4.	Cervicale Height	.209							.728
5.	Suprasternale Height	.215							.685
6.	Nipple (Chest) Height	.188							.818
7.	Waist height	.182							.776
8.	Penale Height	.168							
9.	Gluteal Furrow Height	.169							.037
10.	Crotch Height	.137							.083
11.	Patella Height	.188							.027
12.	Sitting Height	.187							.035
13.	Eye Height Sitting	.152							.096
14.	Shoulder Height Sitting	.138							.109
15.	Elbow Rest Height	.069							.121
16.	Knee Height Sitting	.196							.025
17.	Popliteal Height Sitting	.145							.047
18.	Buttock-Popliteal Length	.133							.155
19.	Buttock-Knee Length	.186							.104
20.	Shoulder-Elbow Length	.129							.192
21.	Forearm-Hand Length	.196							.216
22.	Functional Reach	.143							.184
23.	Bideltoid Diameter	.207							.042
24.	Chest Breadth	.187							.120
25.	Waist Breadth	.190							.086
26.	Hip Breadth	.173							.159
27.	Chest Depth	.212							.107
28.	Waist Depth	.154							.048
29.	Buttock Depth	.151							.094
30.	Hip Breadth-Sitting	.183							.095
31.	Neck Circumference	.209							.048
32.	Shoulder Circumference	.205							.053
33.	Chest Circumference				.223				65. Bitragion-Menton Arc
34.	Waist Circumference				.192				66. Bitragion-Submandibular Arc
35.	Buttock Circumference				.179				67. Bitragion-Inion Arc
36.	Buttock Circumference Sitting				.198				68. Head Length
37.	Thigh Circumference				.147				69. Tragion to Wall
38.	Lower Thigh Circumference				.156				70. Nasal Root to Wall
39.	Calf Circumference				.176				71. Pronasale to Wall
40.	Ankle Circumference				.199				72. External Canthus to Wall
41.	Soye Circumference				.189				73. Head Breadth
42.	Axillary Arm Circumference				.167				74. Bitragion Diameter
43.	Biceps Circumference				.186				75. Maximum Frontal Diameter
44.	Lower Arm Circumference				.236				76. Bizygomatic Diameter
45.	Wrist Circumference				.222				77. Bigonial Diameter
46.	Sleeve Inseam				.109				78. Biocular Diameter
47.	Sleeve Length (Spine-Wrist)				.193				79. Interpupillary Distance
48.	Gluteal Arc				.077				80. Interocular Diameter
49.	Vertical Trunk Circumference				.230				81. Nasal Root Breadth
50.	Interscye				.140				82. Nose Breadth
51.	Interscye Maximum				.156				83. Lip Length
52.	Foot Length				.202				84. Menton-Subnasale Length
53.	Foot Breadth				.084				85. Menton-Vertex Height
54.	Hand Length				.177				86. Head Height (Tragion to Vertex)
55.	Hand Breadth				.184				87. Lip-to-Lip Distance
56.	Hand Breadth at Thumb				.217				88. Nose Length
57.	Thickness at Metacarpal III				.138				89. Nose Protrusion
58.	Hand Circumference				.200				90. Ear Length
59.	Hand Circumference at Thumb				.239				91. Ear Breadth
60.	Head Circumference				.604				92. Ear Protrusion
61.	Sagittal Arc				.289				93. Subscapular Skinfold
62.	Bitragion-Coronal Arc				.189				94. Juxta-Nipple Skinfold
63.	Bitragion-Minimum Frontal Arc				.277				95. Back of Arm Skinfold
64.	Bitragion-Subnasale Arc				.283				96. Mid/Axillary Line at Umbilicus Skin Fold

No.	73. Head Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	6.13	.21	5.4 - 6.8	5.7	6.1	6.5	-0.0356	0.1239
2.	Stature								
3.	Tragion Height	.288				.244	65. Bitragion-Menton Arc		.216
4.	Cervicale Height	.115				.235	66. Bitragion-Submandibular Arc		.210
5.	Suprasternale Height	.097				.243	67. Bitragion-Inion Arc		.063
6.	Nipple (Chest) Height	.103				.255	68. Head Length		.057
7.	Waist height	.110				.218	69. Tragion to Wall		-.017
8.	Penale Height	.098				.249	70. Nasal Root to Wall		.026
9.	Gluteal Furrow Height	.078				.215	71. Pronasale to Wall		.031
10.	Crotch Height	.052				.224	72. External Canthus to Wall		.037
11.	Patella Height	.064				.218	73. Head Breadth		
12.	Sitting Height	.057				.202	74. Bitragion: Diameter		.604
13.	Eye Height Sitting	.106				.224	75. Maximum Frontal Diameter		.337
14.	Shoulder Height Sitting	.107				.255	76. Bizygomatic Diameter		.404
15.	Elbow Rest Height	.113				.207	77. Bigonial Diameter		.187
16.	Knee Height Sitting	.135				.042	78. Biocular Diameter		.277
17.	Popliteal Height Sitting	.063				.162	79. Interpupillary Distance		.272
18.	Buttock-Popliteal Length	.133				.091	80. Interocular Diameter		.223
19.	Buttock-Knee Length	.037				.199	81. Nasal Root Breadth		.161
20.	Shoulder-Elbow Length	.095				.163	82. Nose Breadth		.150
21.	Forearm-Hand Length	.154				.194	83. Lip Length		.159
22.	Functional Reach	.118				.098	84. Menton-Subnasale Length		.028
23.	Biceloid Diameter	.092				.182	85. Menton-Vertex Height		.125
24.	Chest Breadth	.068				.082	86. Head Height (Tragion to Vertex)		.255
25.	Waist Breadth	.253				.150	87. Lip-to-Lip Distance		-.008
26.	Hip Breadth	.216				.144	88. Nose Length		.108
27.	Chest Depth	.249				.114	89. Nose Protrusion		.107
28.	Waist Depth	.219				.201	90. Ear Length		.023
29.	Buttock Depth	.175				.190	91. Ear Breadth		.064
30.	Hip Breadth-Sitting	.165				.449	92. Ear Protrusion		.084
31.	Neck Circumference	.189				-.003	93. Subscapular Skinfold		.118
32.	Shoulder Circumference	.228				.431	94. Juxta-Nipple Skinfold		.118
		.292				.378	95. Back of Arm Skinfold		.056
		.215				.240	96. Mid/Axillary Line at Umbilical Skin Fold		.092

No.	74. Bitrignon Diameter	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	5.51	.21	4.8 - 6.3	5.1	5.5	5.9	0.0728	0.1716
2.	Stature	.386							.395
3.	Trignon Height	.168							.400
4.	Cervicale Height	.157							.092
5.	Suprasternale Height	.186							.112
6.	Nipple (Chest) Height	.171							.051
7.	Waist height	.155							.066
8.	Female Height	.125							.126
9.	Gluteal Furrow Height	.098							.083
10.	Crotch Height	.138							.604
11.	Patella Height	.084							
12.	Sitting Height	.163							.365
13.	Eye Height Sitting	.149							.502
14.	Shoulder Height Sitting	.162							.293
15.	Elbow Rest Height	.212							.353
16.	Knee Height Sitting	.054							.330
17.	Popliteal Height Sitting	.217							.278
18.	Buttock-Knee Length	.098							.166
19.	Buttock-Elbow Length	.174							.235
20.	Shoulder-Elbow Length	.244							.237
21.	Forearm-Hand Length	.233							.047
22.	Functional Reach	.176							.051
23.	Bideltoid Diameter	.128							.087
24.	Chest Breadth	.353							.027
25.	Waist Breadth	.309							.133
26.	Hip Breadth	.341							.119
27.	Chest Depth	.299							.179
28.	Waist Depth	.294							.168
29.	Buttock Depth	.268							.054
30.	Hip Breadth-Sitting	.316							.211
31.	Neck Circumference	.345							.223
32.	Shoulder Circumference	.370							.168
		.296							.153
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Trignon to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Trignon to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	75. Maximum Frontal Diameter	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.247							.225
2.	Stature	.113							.204
3.	Tragion Height	.116							.131
4.	Cervicale Height	.089							.011
5.	Suprasternale Height	.132							-.012
6.	Nipple (Chest) Height	.124							.064
7.	Waist height	.113							.076
8.	Penale Height	.096							.027
9.	Gluteal Furrow Height	.063							.337
10.	Crotch Height	.106							.365
11.	Patella Height	.114							.392
12.	Sitting Height	.114							.349
13.	Eye Height Sitting	.077							.358
14.	Shoulder Height Sitting	.078							.278
15.	Elbow Rest Height	.103							.177
16.	Knee Height Sitting	.065							.194
17.	Popliteal Height Sitting	.066							.163
18.	Buttock-Popliteal Length	.088							.209
19.	Buttock-Knee Length	.131							-.032
20.	Shoulder-Elbow Length	.039							.006
21.	Forearm-Hand Length	.099							.050
22.	Functional Reach	.136							-.001
23.	Bideltoid Diameter	.197							.090
24.	Chest Breadth	.151							.066
25.	Waist Breadth	.161							.103
26.	Hip Breadth	.179							.100
27.	Chest Depth	.148							.011
28.	Waist Depth	.118							.082
29.	Buttock Depth	.127							.082
30.	Hip Breadth-Sitting	.125							-.000
31.	Neck Circumference	.225							.132
32.	Shoulder Circumference	.194							
33.	Chest Circumference				.211		65. Bitragion-Menton Arc		
34.	Waist Circumference				.165		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.212		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.194		68. Head Length		
37.	Thigh Circumference				.181		69. Tragion to Wall		
38.	Lower Thigh Circumference				.209		70. Nasal Root to Wall		
39.	Calf Circumference				.197		71. Pronasale to Wall		
40.	Ankle Circumference				.153		72. External Canthus to Wall		
41.	Scye Circumference				.181		73. Head Breadth		
42.	Axillary Arm Circumference				.236		74. Bitragion Diameter		
43.	Biceps Circumference				.215		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.241		76. Bizygomatic Diameter		
45.	Wrist Circumference				.167		77. Bigonial Diameter		
46.	Sleeve Inseam				.079		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.168		79. Interupillary Distance		
48.	Gluteal Arc				.089		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.184		81. Nasal Root Breadth		
50.	Interscye				.120		82. Nose Breadth		
51.	Interscye Maximum				.208		83. Lip Length		
52.	Foot Length				.070		84. Menton-Subnasale Length		
53.	Foot Breadth				.107		85. Menton-Vertex Height		
54.	Hand Length				.012		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.085		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.075		88. Nose Length		
57.	Thickness at Metacarpal III				.027		89. Nose Protrusion		
58.	Hand Circumference				.098		90. Ear Length		
59.	Hand Circumference at Thumb				.160		91. Ear Breadth		
60.	Head Circumference				.186		92. Ear Protrusion		
61.	Sagittal Arc				-.034		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.184		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.306		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.272		96. Mid/Axillary Line at Umbilicus Skin Fold		

No.	77. Bigonial Diameter	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.346							.211
2.	Stature	.095							.192
3.	Tragion Height	.090							.504
4.	Cervicale Height	.086							.069
5.	Suprasternale Height	.115							.226
6.	Nipple (Chest) Height	.063							.123
7.	Waist height	.077							.068
8.	Penale Height	.063							.096
9.	Gluteal Furrow Height	.033							.187
10.	Crotch Height	.057							.293
11.	Patella Height	.000							.349
12.	Sitting Height	.117							.406
13.	Eye Height Sitting	.046							
14.	Shoulder Height Sitting	.039							.122
15.	Elbow Rest Height	.162							.026
16.	Knee Height Sitting	.065							-.033
17.	Popliteal Height Sitting	.098							-.093
18.	Buttock-Popliteal Length	.064							.100
19.	Buttock-Knee Length	.072							-.064
20.	Shoulder-Elbow Length	.074							.001
21.	Forearm-Hand Length	.105							.103
22.	Functional Reach	.151							.009
23.	Bideltoid Diameter	.160							-.157
24.	Chest Breadth	.185							-.041
25.	Waist Breadth	.225							-.097
26.	Hip Breadth	.235							.129
27.	Chest Depth	.266							.023
28.	Waist Depth	.282							-.081
29.	Buttock Depth	.205							.241
30.	Hip Breadth Sitting	.174							.219
31.	Neck Circumference	.215							.100
32.	Shoulder Circumference	.410							.324
33.	Chest Circumference				.327		65. Bitragion-Menton Arc		
34.	Waist Circumference				.302		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.295		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.259		68. Head Length		
37.	Thigh Circumference				.259		69. Tragion to Wall		
38.	Lower Thigh Circumference				.176		70. Nasal Root to Wall		
39.	Calf Circumference				.203		71. Pronasale to Wall		
40.	Ankle Circumference				.144		72. External Canthus to Wall		
41.	Soye Circumference				.176		73. Head Breadth		
42.	Axillary Arm Circumference				.344		74. Bitragion Diameter		
43.	Biceps Circumference				.198		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.193		76. Bizygomatic Diameter		
45.	Wrist Circumference				.138		77. Bigonial Diameter		
46.	Sleeve Inseam				-.056		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.181		79. Interpupillary Distance		
48.	Gluteal Arc				.058		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.311		81. Nasal Root Breadth		
50.	Interscye				.074		82. Nose Breadth		
51.	Interscye Maximum				.268		83. Lip Length		
52.	Foot Length				.164		84. Menton-Subnasale Length		
53.	Foot Breadth				-.204		85. Menton-Vertex Height		
54.	Hand Length				-.023		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.018		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.052		88. Nose Length		
57.	Thickness at Metacarpal III				.210		89. Nose Protrusion		
58.	Hand Circumference				-.015		90. Ear Length		
59.	Hand Circumference at Thumb				.093		91. Ear Breadth		
60.	Head Circumference				.262		92. Ear Protrusion		
61.	Sagittal Arc				.436		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.285		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.059		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.142		96. Mid/Axillary Line at Umbilical Skin Fold		

No. 78. Biocular Diameter

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	.192							
2. Stature	.142							
3. Trignon Height	.138							
4. Cervicale Height	.130							
5. Suprasternale Height	.148							
6. Nipple (Chest) Height	.147							
7. Waist height	.150							
8. Penale Height	.147							
9. Gluteal Furrow Height	.107							
10. Crotch Height	.144							
11. Patella Height	.187							
12. Sitting Height	.064							
13. Eye Height Sitting	.081							
14. Shoulder Height Sitting	.060							
15. Elbow Rest Height	.012							
16. Knee Height Sitting	.142							
17. Popliteal Height Sitting	.082							
18. Buttock-Popliteal Length	.138							
19. Buttock-Knee Length	.147							
20. Shoulder-Elbow Length	.128							
21. Forearm-Hand Length	.128							
22. Functional Reach	.153							
23. Bideloid Diameter	.201							
24. Chest Breadth	.153							
25. Waist Breadth	.136							
26. Hip Breadth	.158							
27. Chest Depth	.122							
28. Waist Depth	.063							
29. Buttock Depth	.091							
30. Hip Breadth-Sitting	.109							
31. Neck Circumference	.194							
32. Shoulder Circumference	.133							
33. Chest Circumference	.173							
34. Waist Circumference	.093							
35. Buttock Circumference	.166							
36. Buttock Circumference Sitting	.160							
37. Thigh Circumference	.106							
38. Lower Thigh Circumference	.185							
39. Calf Circumference	.139							
40. Ankle Circumference	.145							
41. Scye Circumference	.181							
42. Axillary Arm Circumference	.141							
43. Biceps Circumference	.155							
44. Lower Arm Circumference	.195							
45. Wrist Circumference	.184							
46. Sleeve Inseam	.136							
47. Sleeve Length (Spine-Wrist)	.190							
48. Gluteal Arc	.090							
49. Vertical Trunk Circumference	.135							
50. Interscye	.205							
51. Interscye Maximum	.178							
52. Foot Length	.092							
53. Foot Breadth	.165							
54. Hand Length	.066							
55. Hand Breadth	.135							
56. Hand Breadth at Thumb	.137							
57. Thickness at Metacarpal III	.012							
58. Hand Circumference	.134							
59. Hand Circumference at Thumb	.183							
60. Head Circumference	.310							
61. Sagittal Arc	.028							
62. Bitrignon-Coronal Arc	.191							
63. Bitrignon-Minimum Frontal Arc	.415							
64. Bitrignon-Subnasale Arc	.376							
65. Bitrignon-Menton Arc								.295
66. Bitrignon-Submandibular Arc								.309
67. Bitrignon-Inion Arc								.054
68. Head Length								.247
69. Trignon to Wall								.007
70. Nasal Root to Wall								.209
71. Pronasale to Wall								.216
72. External Canthus to Wall								.109
73. Head Breadth								.277
74. Bitrignon Diameter								.353
75. Maximum Frontal Diameter								.358
76. Bizygomatic Diameter								.346
77. Bigonial Diameter								.122
78. Biocular Diameter								.673
79. Interpupillary Distance								.444
80. Interocular Diameter								.354
81. Nasal Root Breadth								.189
82. Nose Breadth								.301
83. Lip Length								.003
84. Menton-Subnasale Length								.039
85. Menton-Vertex Height								.120
86. Head Height (Trignon to Vertex)								.120
87. Lip-to-Lip Distance								.055
88. Nose Length								.145
89. Nose Protrusion								.134
90. Ear Length								.023
91. Ear Breadth								.067
92. Ear Protrusion								.029
93. Subscapular Skinfold								.011
94. Juxta-Nipple Skinfold								.000
95. Back of Arm Skinfold								.029
96. Mid/Axillary Line at Umbilicus Skin Fold								

Vo.	79. Interpupillary Distance	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.164							.256
2.	Stature	.133							.227
3.	Tragion Height	.123							.081
4.	Cervicale Height	.134							.218
5.	Suprasternale Height	.127							.090
6.	Nipple (Chest) Height	.131							.155
7.	Waist height	.122							.206
8.	Penale Height	.089							.121
9.	Gluteal Furrow Height	.096							.272
10.	Crotch Height	.087							.330
11.	Patella Height	.158							.278
12.	Sitting Height	.084							.233
13.	Eye Height Sitting	.090							.026
14.	Shoulder Height Sitting	.126							.673
15.	Elbow Rest Height	.002							
16.	Knee Height Sitting	.190							.608
17.	Popliteal Height Sitting	.050							.392
18.	Buttock-Popliteal Length	.122							.202
19.	Buttock-Knee Length	.149							.265
20.	Shoulder-Elbow Length	.207							.076
21.	Forearm-Hand Length	.147							.009
22.	Functional Reach	.109							.170
23.	Bideltoid Diameter	.184							.079
24.	Chest Breadth	.154							.102
25.	Waist Breadth	.129							.166
26.	Hip Breadth	.132							.092
27.	Chest Depth	.111							.060
28.	Waist Depth	.065							.086
29.	Buttock Depth	.072							.012
30.	Hip Breadth-Sitting	.155							.000
31.	Neck Circumference	.155							.013
32.	Shoulder Circumference	.067							.078
33.	Chest Circumference				.139		65. Bitragion-Menton Arc		
34.	Waist Circumference				.091		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.125		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.139		68. Head Length		
37.	Thigh Circumference				.076		69. Tragion to Wall		
38.	Lower Thigh Circumference				.136		70. Nasal Root to Wall		
39.	Calf Circumference				.133		71. Pronasale to Wall		
40.	Ankle Circumference				.173		72. External Canthus to Wall		
41.	Soye Circumference				.149		73. Head Breadth		
42.	Axillary Arm Circumference				.029		74. Bitragion Diameter		
43.	Biceps Circumference				.106		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.141		76. Bizygomatic Diameter		
45.	Wrist Circumference				.185		77. Bigonial Diameter		
46.	Sleeve Inseam				.119		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.158		79. Interpupillary Distance		
48.	Gluteal Arc				.073		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.097		81. Nasal Root Breadth		
50.	Interscye				.133		82. Nose Breadth		
51.	Interscye Maximum				.101		83. Lip Length		
52.	Foot Length				.111		84. Menton-Subnasale Length		
53.	Foot Breadth				.244		85. Menton-Vertex Height		
54.	Hand Length				.173		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.190		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.165		88. Nose Length		
57.	Thickness at Metacarpal III				.036		89. Nose Protrusion		
58.	Hand Circumference				.244		90. Ear Length		
59.	Hand Circumference at Thumb				.211		91. Ear Breadth		
60.	Head Circumference				.276		92. Ear Protrusion		
61.	Sagittal Arc				.023		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.172		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.462		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.386		96. Mid/Axillary Line at Umbilicus Sk:n Fold		

No.	80. Interocular Diameter	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.106							
2.	Stature	.062							
3.	Tragion Height	.053							
4.	Cervicale Height	.065							
5.	Suprasternale Height	.047							
6.	Nipple (Chest) Height	.059							
7.	Waist height	.048							
8.	Penale Height	.023							
9.	Gluteal Furrow Height	.052							
10.	Crotch Height	.007							
11.	Patella Height	.096							
12.	Sitting Height	.065							
13.	Eye Height Sitting	.067							
14.	Shoulder Height Sitting	.137							
15.	Elbow Rest Height	.019							
16.	Knee Height Sitting	.161							
17.	Popliteal Height Sitting	.010							
18.	Buttock-Popliteal Length	.065							
19.	Buttock-Knee Length	.090							
20.	Shoulder-Elbow Length	.185							
21.	Forearm-Hand Length	.093							
22.	Functional Reach	.010							
23.	Bideltoid Diameter	.147							
24.	Chest Breadth	.111							
25.	Waist Breadth	.105							
26.	Hip Breadth	.072							
27.	Chest Depth	.085							
28.	Waist Depth	.038							
29.	Buttock Depth	.082							
30.	Hip Breadth-Sitting	.165							
31.	Neck Circumference	.153							
32.	Shoulder Circumference	.022							
33.	Chest Circumference			.83 - 1.8	1.0	1.3	1.5	-0.0092	0.3724
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Creath								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitracion-Coronal Arc								
63.	Bitracion-Minimum Frontal Arc								
64.	Bitracion-Subnasale Arc								
65.	Bitracion-Menton Arc								
66.	Bitracion-Submandibular Arc								
67.	Bitracion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitracion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Bicircular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vortex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilious Skin Fold								

No.	81. Nasal Root Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.73	.12	.31 - 1.1	.5	.7	1.0	0.0949	0.0818
2.	Stature	.145							.212
3.	Tragion Height	.063							.239
4.	Cervicale Height	.073							-.267
5.	Suprasternale Height	.049							.147
6.	Nipple (Chest) Height	.075							-.145
7.	Waist height	.100							.088
8.	Penale Height	.075							.130
9.	Gluteal Furrow Height	.067							.047
10.	Crotch Height	.058							.161
11.	Patella Height	.079							.166
12.	Sitting Height	.124							.194
13.	Eye Height Sitting	.006							.149
14.	Shoulder Height Sitting	.051							-.093
15.	Elbow Rest Height	.072							.354
16.	Knee Height Sitting	-.005							.392
17.	Popliteal Height Sitting	.147							.444
18.	Buttock-Popliteal Length	-.019							.170
19.	Buttock-Knee Length	.097							.274
20.	Shoulder-Elbow Length	.124							.005
21.	Forearm-Hand Length	.103							-.106
22.	Functional Reach	.051							.082
23.	Bideltoid Diameter	.082							.207
24.	Chest Breadth	.185							.056
25.	Waist Breadth	.104							.194
26.	Hip Breadth	.121							-.035
27.	Chest Depth	.112							.009
28.	Waist Depth	.065							.040
29.	Buttock Depth	.034							.020
30.	Hip Breadth-Sitting	.087							-.032
31.	Neck Circumference	.096							-.062
32.	Shoulder Circumference	.183							-.013
33.	Chest Circumference	.030							
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No	82. Nose Breadth	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.227							.294
2.	Stature	.066							.233
3.	Tragion Height	.055							.076
4.	Cervicale Height	.067							.189
5.	Suprasternale Height	.064							.009
6.	Nipple (Chest) Height	.049							.181
7.	Waist height	.033							.229
8.	Penale Height	.016							.155
9.	Gluteal Furrow Height	.038							.150
10.	Crotch Height	.003							.235
11.	Patella Height	.086							.163
12.	Sitting Height	.077							.115
13.	Eye Height Sitting	.062							.100
14.	Shoulder Height Sitting	.066							.189
15.	Elbow Rest Height	.015							.202
16.	Knee Height Sitting	.122							.224
17.	Popliteal Height Sitting	.023							.170
18.	Buttock-Popliteal Length	.046							.378
19.	Buttock-Knee Length	.091							.070
20.	Shoulder-Elbow Length	.077							.099
21.	Forearm-Hand Length	.090							.134
22.	Functional Reach	.074							.014
23.	Bideltoid Diameter	.218							.058
24.	Chest Breadth	.199							.076
25.	Waist Breadth	.180							.192
26.	Hip Breadth	.168							.148
27.	Chest Depth	.191							.058
28.	Waist Depth	.152							.110
29.	Buttock Depth	.178							.069
30.	Hip Breadth-Sitting	.198							.031
31.	Neck Circumference	.283							-.003
32.	Shoulder Circumference	.169							
33.	Chest Circumference				.207		65. Bitragion-Menton Arc		
34.	Waist Circumference				.166		66. Bitragion-Sub-mentibular Arc		
35.	Buttock Circumference				.181		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.203		68. Head Length		
37.	Thigh Circumference				.156		69. Tragion to Wall		
38.	Lower Thigh Circumference				.165		70. Nasal Root to Wall		
39.	Calf Circumference				.173		71. Pronasale to Wall		
40.	Ankle Circumference				.199		72. External Canthus to Wall		
41.	Scye Circumference				.206		73. Head Breadth		
42.	Axillary Arm Circumference				.127		74. Bitragion Diameter		
43.	Biceps Circumference				.198		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.228		76. Bizygomatic Diameter		
45.	Wrist Circumference				.215		77. Bigonial Diameter		
46.	Sleeve Inseam				.013		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.103		79. Interpupillary Distance		
48.	Gluteal Arc				.078		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.129		81. Nasal Root Breadth		
50.	Interscye				.152		82. Nose Breadth		
51.	Interscye Maximum				.134		83. Lip Length		
52.	Foot Length				.070		84. Menton-Subnasale Length		
53.	Foot Breadth				.175		85. Menton-Vertex Height		
54.	Hand Length				.136		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.201		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.188		88. Nose Length		
57.	Thickness at Metacarpal III				.135		89. Nose Protrusion		
58.	Hand Circumference				.234		90. Ear Length		
59.	Hand Circumference at Thumb				.224		91. Ear Breadth		
60.	Head Circumference				.215		92. Ear Protrusion		
61.	Sagittal Arc				.019		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.090		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.236		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.343		96. Mid/Axillary Line at Umbilical Skin Fold		

No.	83. Lip Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.167							.363
2.	Stature	.058							.324
3.	Tragion Height	.062							-.205
4.	Cervicale Height	.052							.150
5.	Suprasternale Height	.067							-.083
6.	Nipple (Chest) Height	.091							.127
7.	Waist height	.046							.207
8.	Penale Height	.007							.104
9.	Gluteal Furrow Height	.044							.159
10.	Crotch Height	.029							.237
11.	Patella Height	.135							.209
12.	Sitting Height	.021							.143
13.	Eye Height Sitting	.073							-.064
14.	Shoulder Height Sitting	.113							.301
15.	Elbow Rest Height	-.018							.265
16.	Knee Height Sitting	.172							.216
17.	Popliteal Height Sitting	-.047							.274
18.	Buttock-Popliteal Length	.076							.378
19.	Buttock-Knee Length	.114							-.068
20.	Shoulder-Elbow Length	.171							-.030
21.	Forearm-Hand Length	.036							.066
22.	Functional Reach	.038							.095
23.	Bideltoid Diameter	.245							.155
24.	Chest Breadth	.194							.207
25.	Waist Breadth	.169							.209
26.	Hip Breadth	.143							.109
27.	Chest Depth	.161							.129
28.	Waist Depth	.114							.016
29.	Buttock Depth	.135							.015
30.	Hip Breadth-Sitting	.157							-.078
31.	Neck Circumference	.264							-.097
32.	Shoulder Circumference	.042							
33.	Chest Circumference				.181		65. Bitragion-Menton Arc		
34.	Waist Circumference				.122		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.135		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.190		68. Head Length		
37.	Thigh Circumference				.087		69. Tragion to Wall		
38.	Lower Thigh Circumference				.205		70. Nasal Root to Wall		
39.	Calf Circumference				.175		71. Pronasale to Wall		
40.	Ankle Circumference				.153		72. External Canthus to Wall		
41.	Scye Circumference				.255		73. Head Breadth		
42.	Axillary Arm Circumference				.112		74. Bitragion Diameter		
43.	Biceps Circumference				.222		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.225		76. Bizygomatic Diameter		
45.	Wrist Circumference				.207		77. Bigonial Diameter		
46.	Sleeve Inseam				.094		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.068		79. Interpupillary Distance		
48.	Gluteal Arc				.081		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.082		81. Nasal Root Breadth		
50.	Interscye				.206		82. Nose Breadth		
51.	Interscye Maximum				.130		83. Lip Length		
52.	Foot Length				-.036		84. Menton-Subnasale Length		
53.	Foot Breadth				.306		85. Menton-Vertex Height		
54.	Hand Length				.114		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.231		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.157		88. Nose Length		
57.	Thickness at Metacarpal III				.014		89. Nose Protrusion		
58.	Hand Circumference				.274		90. Ear Length		
59.	Hand Circumference at Thumb				.241		91. Ear Breadth		
60.	Head Circumference				.110		92. Ear Protrusion		
61.	Sagittal Arc				-.245		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				-.043		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.290		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.400		96. Mid/Axillary Line at Umbilical Skin Fold		

No. 84. Menton-Subnasale Length

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
2.76	.23	2.1 - 3.5	2.3	2.8	3.2	-0.0653	-0.1312

1. Weight	.144	33. Chest Circumference	.068	65. Bitragion-Menton Arc	.202
2. Stature	.193	34. Waist Circumference	.060	66. Bitragion-Submandibular Arc	.096
3. Tragon Height	.182	35. Buttock Circumference	.074	67. Bitragion-Inion Arc	.117
4. Cervicale Height	.186	36. Buttock Circumference Sitting	.062	68. Head Length	.179
5. Supratergale Height	.164	37. Thigh Circumference	.084	69. Tragon to Wall	.057
6. Nipple (Chest) Height	.145	38. Lower Thigh Circumference	.088	70. Nasal Root to Wall	.182
7. Waist height	.159	39. Calf Circumference	.084	71. Pronasale to Wall	.208
8. Penale Height	.125	40. Ankle Circumference	.138	72. External Canthus to Wall	.192
9. Gluteal Furrow Height	.161	41. Scye Circumference	.076	73. Head Breadth	.028
10. Crotch Height	.105	42. Axillary Arm Circumference	-.030	74. Bitragion Diameter	.047
11. Patella Height	.132	43. Biceps Circumference	.055	75. Maximum Frontal Diameter	-.032
12. Sitting Height	.202	44. Lower Arm Circumference	.088	76. Bizygomatic Diameter	-.001
13. Eye Height Sitting	.211	45. Wrist Circumference	.138	77. Bigonial Diameter	.001
14. Shoulder Height Sitting	.130	46. Sleeve Inseam	.073	78. Biocular Diameter	.003
15. Elbow Rest Height	.022	47. Sleeve Length (Spine-Wrist)	.142	79. Interpupillary Distance	.076
16. Knee Height Sitting	.215	48. Gluteal Arc	.078	80. Interocular Diameter	.128
17. Popliteal Height Sitting	.144	49. Vertical Trunk Circumference	.125	81. Nasal Root Breadth	.005
18. Buttock-Popliteal Length	.113	50. Interscye	.055	82. Nose Breadth	.070
19. Buttock-Knee Length	.150	51. Interscye Maximum	.060	83. Lip Length	-.068
20. Shoulder-Elbow Length	.173	52. Foot Length	.154	84. Menton-Subnasale Length	.458
21. Forearm-Hand Length	.154	53. Foot Breadth	.132	85. Menton Vertex Height	.212
22. Functional Reach	.095	54. Hand Length	.202	86. Head Height (Tragon to Vertex)	.348
23. Bifoloid Diameter	.121	55. Hand Breadth	.178	87. Lip-to-Lip Distance	.152
24. Chest Breadth	.101	56. Hand Breadth at Thumb	.180	88. Nose Length	.050
25. Waist Breadth	.073	57. Thickness at Metacarpal III	.128	89. Nose Protrusion	.069
26. Hip Breadth	.090	58. Hand Circumference	.214	90. Ear Length	.184
27. Chest Depth	.072	59. Hand Circumference at Thumb	.187	91. Ear Breadth	.069
28. Waist Depth	.054	60. Head Circumference	.156	92. Ear Protrusion	-.019
29. Buttock Depth	.074	61. Sagittal Arc	.061	93. Subscapular Skinfold	-.014
30. Hip Breadth-Sitting	.138	62. Bitragion-Coronal Arc	.150	94. Juxta-Nipple Skinfold	-.010
31. Neck Circumference	.154	63. Bitragion-Minimum Frontal Arc	.194	95. Back of Arm Skinfold	-.076
32. Shoulder Circumference	.085	64. Bitragion-Subnasale Arc	.125	96. Mid/Axillary Line at Umbilical Skin Fold	

No.	85. Menton-Vertex Height	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.132							.215
2.	Stature	.220							.150
3.	Tragion Height	.182							.210
4.	Cervicale Height	.150							.314
5.	Suprasternale Height	.175							.085
6.	Nipple (Chest) Height	.156							.332
7.	Waist height	.138							.128
8.	Penale Height	.105							.216
9.	Gluteal Furrow Height	.099							.125
10.	Crotch Height	.077							.051
11.	Patella Height	.091							.006
12.	Sitting Height	.286							.056
13.	Eye Height Sitting	.199							.103
14.	Shoulder Height Sitting	.087							.039
15.	Elbow Rest Height	.036							.009
16.	Knee Height Sitting	.126							.020
17.	Popliteal Height Sitting	.151							-.106
18.	Buttock-Popliteal Length	.053							.099
19.	Buttock-Knee Length	.072							-.030
20.	Shoulder-Elbow Length	.076							.458
21.	Forearm-Hand Length	.178							
22.	Functional Reach	.128							.498
23.	Bideltoid Diameter	.108							.182
24.	Chest Breadth	.081							.165
25.	Waist Breadth	.011							.062
26.	Hip Breadth	.086							.101
27.	Chest Depth	-.040							.131
28.	Waist Depth	-.009							.049
29.	Buttock Depth	.051							-.034
30.	Hip Breadth Sitting	.096							-.097
31.	Neck Circumference	.104							.003
32.	Shoulder Circumference	.121							-.023
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Soye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	86. Head Height (Trigion to Vertex)	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.139							.060
2.	Stature	.190							.010
3.	Trigion Height	.124							.070
4.	Cervicale Height	.146							.239
5.	Suprasternale Height	.132							.018
6.	Nipple (Chest) Height	.124							.238
7.	Waist height	.118							.169
8.	Penale Height	.077							.184
9.	Gluteal Furrow Height	.088							.255
10.	Crotch Height	.067							.087
11.	Patella Height	.120							.050
12.	Sitting Height	.236							.052
13.	Eye Height Sitting	.144							.009
14.	Shoulder Height Sitting	.136							.120
15.	Elbow Rest Height	.055							.170
16.	Knee Height Sitting	.176							.146
17.	Popliteal Height Sitting	.098							.082
18.	Buttock-Popliteal Length	.079							.134
19.	Buttock-Knee Length	.116							.066
20.	Shoulder-Elbow Length	.118							.212
21.	Forearm-Hand Length	.138							.498
22.	Functional Reach	.014							.138
23.	Bidelfoid Diameter	.149							.071
24.	Chest Breadth	.117							.057
25.	Waist Breadth	.103							.052
26.	Hip Breadth	.121							.052
27.	Chest Depth	.034							.119
28.	Waist Depth	.004							.027
29.	Buttock Depth	.059							.010
30.	Hip Breadth-Sitting	.178							.005
31.	Neck Circumference	.151							.051
32.	Shoulder Circumference	.057							
33.	Chest Circumference				.059		65. Bitrigion-Menton Arc		
34.	Waist Circumference				.056		66. Bitrigion-Submandibular Arc		
35.	Buttock Circumference				.093		67. Bitrigion-Inion Arc		
36.	Buttock Circumference Sitting				.085		68. Head Length		
37.	Thigh Circumference				.091		69. Trigion to Wall		
38.	Lower Thigh Circumference				.102		70. Nasal Root to Wall		
39.	Calf Circumference				.124		71. Pronasale to Wall		
40.	Ankle Circumference				.181		72. External Canthus to Wall		
41.	Scye Circumference				.079		73. Head Breadth		
42.	Axillary Arm Circumference				.003		74. Bitrigion Diameter		
43.	Biceps Circumference				.087		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.117		76. Bizygomatic Diameter		
45.	Wrist Circumference				.118		77. Bigonial Diameter		
46.	Sleeve Inseam				.081		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.106		79. Interpupillary Distance		
48.	Gluteal Arc				.092		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.103		81. Nasal Root Breadth		
50.	Interscye				.053		82. Nose Breadth		
51.	Interscye Maximum				.050		83. Lip Length		
52.	Foot Length				.145		84. Menton-Subnasale Length		
53.	Foot Breadth				.183		85. Menton-Vertex Height		
54.	Hand Length				.186		86. Head Height (Trigion to Vertex)		
55.	Hand Breadth				.175		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.171		88. Nose Length		
57.	Thickness at Metacarpal III				.055		89. Nose Protrusion		
58.	Hand Circumference				.196		90. Ear Length		
59.	Hand Circumference at Thumb				.123		91. Ear Breadth		
60.	Head Circumference				.343		92. Ear Protrusion		
61.	Sagittal Arc				.205		93. Subscapular Skinfold		
62.	Bitrigion-Coronal Arc				.562		94. Juxta-Nipple Skinfold		
63.	Bitrigion-Minimum Frontal Arc				.340		95. Back of Arm Skinfold		
64.	Bitrigion-Subnasale Arc				.121		96. Mid/Axillary Line at Umbilical Skin Fold		

No.	87. Lip-to-Lip Distance	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
		.65	.14	.24 - 1.1	.3	.7	.9	-0.0859	-0.1051
1.	Weight	.028							
2.	Stature	.137							
3.	Tragion Height	.132							
4.	Cervicale Height	.128							
5.	Suprasternale Height	.125							
6.	Nipple (Chest) Height	.138							
7.	Waist height	.148							
8.	Penale Height	.152							
9.	Gluteal Furrow Height	.138							
10.	Crotch Height	.139							
11.	Patella Height	.158							
12.	Sitting Height	.076							
13.	Eye Height Sitting	.097							
14.	Shoulder Height Sitting	.055							
15.	Elbow Rest Height	.038							
16.	Knee Height Sitting	.184							
17.	Popliteal Height Sitting	.106							
18.	Buttock-Popliteal Length	.105							
19.	Buttock-Knee Length	.144							
20.	Shoulder-Elbow Length	.127							
21.	Forearm-Hand Length	.104							
22.	Functional Reach	.072							
23.	Bideltoid Diameter	.077							
24.	Chest Breadth	.012							
25.	Waist Breadth	.014							
26.	Hip Breadth	.004							
27.	Chest Depth	.071							
28.	Waist Depth	.083							
29.	Buttock Depth	.005							
30.	Hip Breadth-Sitting	.032							
31.	Neck Circumference	.038							
32.	Shoulder Circumference	.034							
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion: Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	88. Nose Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.118							
2.	Stature	.178							.186
3.	Tragion Height	.171							.168
4.	Cervicale Height	.163							-.042
5.	Suprasternale Height	.163							.095
6.	Nipple (Chest) Height	.163							-.003
7.	Waist height	.148							.128
8.	Penale Height	.102							.302
9.	Gluteal Furrow Height	.152							.120
10.	Crotch Height	.120							.108
11.	Patella Height	.143							.133
12.	Sitting Height	.138							.090
13.	Eye Height Sitting	.145							.064
14.	Shoulder Height Sitting	.140							-.041
15.	Elbow Rest Height	.003							.055
16.	Knee Height Sitting	.196							.102
17.	Popliteal Height Sitting	.095							.044
18.	Buttock-Popliteal Length	.129							.056
19.	Buttock-Knee Length	.151							.058
20.	Shoulder-Elbow Length	.216							.155
21.	Forearm-Hand Length	.187							.152
22.	Functional Reach	.147							.165
23.	Bideltoid Diameter	.133							.071
24.	Chest Breadth	.084							.065
25.	Waist Breadth	.087							
26.	Hip Breadth	.101							.288
27.	Chest Depth	.062							.099
28.	Waist Depth	.046							.151
29.	Buttock Depth	.047							.118
30.	Hip Breadth-Sitting	.113							-.059
31.	Neck Circumference	.122							-.045
32.	Shoulder Circumference	.043							-.089
33.	Chest Circumference								-.125
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion Coronal Arc								
63.	Bitragion Minimum Frontal Arc								
64.	Bitragion-Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilicus Skin Fold								

No.	89. Nose Protrusion	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.134							
2.	Stature	.161							
3.	Tragion Height	.163							
4.	Cervicale Height	.142							
5.	Suprasternale Height	.166							
6.	Nipple (Chest) Height	.183							
7.	Waist height	.139							
8.	Penale Height	.115							
9.	Gluteal Furrow Height	.145							
10.	Crotch Height	.145							
11.	Patella Height	.195							
12.	Sitting Height	.079							
13.	Eye Height Sitting	.101							
14.	Shoulder Height Sitting	.106							
15.	Elbow Rest Height	.012							
16.	Knee Height Sitting	.206							
17.	Popliteal Height Sitting	.064							
18.	Buttock-Popliteal Length	.146							
19.	Buttock-Knee Length	.169							
20.	Shoulder-Elbow Length	.164							
21.	Forearm-Hand Length	.144							
22.	Functional Reach	.155							
23.	Bideltoid Diameter	.147							
24.	Chest Breadth	.124							
25.	Waist Breadth	.096							
26.	Hip Breadth	.137							
27.	Chest Depth	.113							
28.	Waist Depth	.069							
29.	Buttock Depth	.086							
30.	Hip Breadth-Sitting	.109							
31.	Neck Circumference	.131							
32.	Shoulder Circumference	.034							
33.	Chest Circumference					.114	65. Bitragion-Menton Arc		.173
34.	Waist Circumference					.074	66. Bitragion-Submandibular Arc		.214
35.	Buttock Circumference					.092	67. Bitragion-Inion Arc		.138
36.	Buttock Circumference Sitting					.137	68. Head Length		.123
37.	Thigh Circumference					.058	69. Tragion to Wall		.059
38.	Lower Thigh Circumference					.142	70. Nasal Root to Wall		.097
39.	Calf Circumference					.120	71. Pronasale to Wall		.247
40.	Ankle Circumference					.126	72. External Canthus to Wall		.086
41.	Scye Circumference					.140	73. Head Breadth		.107
42.	Axillary Arm Circumference					.041	74. Bitragion Diameter		.119
43.	Biceps Circumference					.119	75. Maximum Frontal Diameter		.066
44.	Lower Arm Circumference					.142	76. Bizygomatic Diameter		.037
45.	Wrist Circumference					.176	77. Bigonial Diameter		.097
46.	Sleeve Inseam					.163	78. Biocular Diameter		.145
47.	Sleeve Length (Spine-Wrist)					.131	79. Interpupillary Distance		.166
48.	Gluteal Arc					.068	80. Interocular Diameter		.085
49.	Vertical Trunk Circumference					.101	81. Nasal Root Breadth		.194
50.	Interscye					.147	82. Nose Breadth		.076
51.	Interscye Maximum					.057	83. Lip Length		.207
52.	Foot Length					.095	84. Menton-Subnasale Length		.050
53.	Foot Breadth					.227	85. Menton-Vertex Height		.062
54.	Hand Length					.166	86. Head Height (Tragion to Vertex)		.057
55.	Hand Breadth					.173	87. Lip-to-Lip Distance		.109
56.	Hand Breadth at Thumb					.129	88. Nose Length		.288
57.	Thickness at Metacarpal III					.015	89. Nose Protrusion		
58.	Hand Circumference					.221	90. Ear Length		.128
59.	Hand Circumference at Thumb					.214	91. Ear Breadth		.154
60.	Head Circumference					.101	92. Ear Protrusion		.104
61.	Sagittal Arc					.121	93. Subscapular Skinfold		.011
62.	Bitragion-Coronal Arc					.008	94. Juxta-Nipple Skinfold		.005
63.	Bitragion-Minimum Frontal Arc					.167	95. Back of Arm Skinfold		.022
64.	Bitragion-Subnasale Arc					.162	96. Mid/Axillary Line at Umbilical Skin Fold		.035

Vo.	90. Ear Length	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.248							
2.	Stature	.188							
3.	Tragion Height	.184							
4.	Cervicale Height	.188							
5.	Suprasternale Height	.190							
6.	Nipple (Chest) Height	.176							
7.	Waist height	.129							
8.	Penale Height	.100							
9.	Gluteal Furrow Height	.135							
10.	Crotch Height	.091							
11.	Patella Height	.147							
12.	Sitting Height	.160							
13.	Eye Height Sitting	.151							
14.	Shoulder Height Sitting	.156							
15.	Elbow Rest Height	.049							
16.	Knee Height Sitting	.170							
17.	Popliteal Height Sitting	.107							
18.	Buttock-Popliteal Length	.138							
19.	Buttock-Knee Length	.182							
20.	Shoulder-Elbow Length	.160							
21.	Forearm-Hand Length	.169							
22.	Functional Reach	.147							
23.	Bideltoid Diameter	.168							
24.	Chest Breadth	.139							
25.	Waist Breadth	.192							
26.	Hip Breadth	.211							
27.	Chest Depth	.212							
28.	Waist Depth	.219							
29.	Buttock Depth	.192							
30.	Hip Breadth-Sitting	.195							
31.	Neck Circumference	.173							
32.	Shoulder Circumference	.163							
33.	Chest Circumference				.191		65. Bitragion-Menton Arc		.248
34.	Waist Circumference				.204		66. Bitragion-Submandibular Arc		.243
35.	Buttock Circumference				.208		67. Bitragion-Inion Arc		.128
36.	Buttock Circumference Sitting				.238		68. Head Length		.153
37.	Thigh Circumference				.134		69. Tragion to Wall		.113
38.	Lower Thigh Circumference				.140		70. Nasal Root to Wall		.176
39.	Calf Circumference				.145		71. Pronasale to Wall		.229
40.	Ankle Circumference				.179		72. External Canthus to Wall		.159
41.	Scye Circumference				.183		73. Head Breadth		.023
42.	Axillary Arm Circumference				.151		74. Bitragion Diameter		.179
43.	Biceps Circumference				.153		75. Maximum Frontal Diameter		.103
44.	Lower Arm Circumference				.140		76. Bizygomatic Diameter		.140
45.	Wrist Circumference				.198		77. Bigonia: Diameter		.129
46.	Sleeve Inseam				.116		78. Biocular Diameter		.134
47.	Sleeve Length (Spine-Wrist)				.178		79. Interpupillary Distance		.092
48.	Gluteal Arc				.069		80. Interocular Diameter		-.015
49.	Vertical Trunk Circumference				.236		81. Nasal Root Breadth		-.035
50.	Interscye				.068		82. Nose Breadth		.192
51.	Interscye Maximum				.110		83. Lip Length		.209
52.	Foot Length				.175		84. Menton-Subnasale Length		.069
53.	Foot Breadth				.097		85. Menton-Vertex Height		.101
54.	Hand Length				.195		86. Head Height (Tragion to Vertex)		.052
55.	Hand Breadth				.174		87. Lip-to-Lip Distance		-.046
56.	Hand Breadth at Thumb				.149		88. Nose Length		.099
57.	Thickness at Metacarpal III				.181		89. Nose Protrusion		.128
58.	Hand Circumference				.164		90. Ear Length		
59.	Hand Circumference at Thumb				.183		91. Ear Breadth		.307
60.	Head Circumference				.139		92. Ear Protrusion		.178
61.	Sagittal Arc				.030		93. Subscapular Skinfold		.146
62.	Bitragion-Coronal Arc				.057		94. Juxta-Nipple Skinfold		.149
63.	Bitragion-Minimum Frontal Arc				.138		95. Back of Arm Skinfold		.109
64.	Bitragion-Subnasale Arc				.197		96. Mid/Axillary Line at Umbilicus Skin Fold		.088

Vo. 91. Ear Breadth

	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1. Weight	1.41	.13	.94 - 2.0	1.1	1.4	1.7	0.0267	0.7818
2. Stature	.174							.191
3. Tragon Height	.169							.200
4. Cervicale Height	.168							.023
5. Suprasternale Height	.168							.105
6. Nipple (Chest) Height	.174							.018
7. Waist height	.162							.116
8. Penale Height	.131							.172
9. Gluteal Furrow Height	.119							.107
10. Crotch Height	.141							.064
11. Patella Height	.130							.168
12. Sitting Height	.167							.100
13. Eye Height Sitting	.114							.053
14. Shoulder Height Sitting	.129							.023
15. Elbow Rest Height	.120							.023
16. Knee Height Sitting	-.003							.060
17. Popliteal Height Sitting	.192							-.015
18. Buttock-Popliteal Length	.110							.009
19. Buttock-Knee Length	.133							.148
20. Shoulder-Elbow Length	.157							.109
21. Forearm-Hand Length	.147							.184
22. Functional Reach	.151							.131
23. Bifoloid Diameter	.160							.052
24. Chest Breadth	.133							.072
25. Waist Breadth	.101							.151
26. Hip Breadth	.123							.154
27. Chest Depth	.145							.307
28. Waist Depth	.127							
29. Buttock Depth	.116							-.025
30. Hip Breadth Sitting	.116							.046
31. Neck Circumference	.149							.026
32. Shoulder Circumference	.150							.027
	.089							.024
	.133							
33. Chest Circumference	.133							65. Bitragion-Menton Arc
34. Waist Circumference	.122							66. Bitragion-Submandibular Arc
35. Buttock Circumference	.135							67. Bitragion-Inion Arc
36. Buttock Circumference Sitting	.147							68. Head Length
37. Thigh Circumference	.100							69. Tragon to Wall
38. Lower Thigh Circumference	.147							70. Nasal Root to Wall
39. Calf Circumference	.113							71. Pronasale to Wall
40. Ankle Circumference	.131							72. External Canthus to Wall
41. Scye Circumference	.164							73. Head Breadth
42. Axillary Arm Circumference	.077							74. Bitragion Diameter
43. Biceps Circumference	.133							75. Maximum Frontal Diameter
44. Lower Arm Circumference	.118							76. Bizygomatic Diameter
45. Wrist Circumference	.169							77. Bigonial Diameter
46. Sleeve Inseam	.111							78. Biocular Diameter
47. Sleeve Length (Spine-Wrist)	.146							79. Interpupillary Distance
48. Gluteal Arc	.082							80. Interocular Diameter
49. Vertical Trunk Circumference	.164							81. Nasal Root Breadth
50. Interscye	.059							82. Nose Breadth
51. Interscye Maximum	.079							83. Lip Length
52. Foot Length	.135							84. Menton-Subnasale Length
53. Foot Breadth	.138							85. Menton-Vertex Height
54. Hand Length	.136							86. Head Height (Tragon to Vertex)
55. Hand Breadth	.108							87. Lip-to-Lip Distance
56. Hand Breadth at Thumb	.097							88. Nose Length
57. Thickness at Metacarpal III	.105							89. Nose Protrusion
58. Hand Circumference	.169							90. Ear Length
59. Hand Circumference at Thumb	.179							91. Ear Breadth
60. Head Circumference	.115							92. Ear Protrusion
61. Sagittal Arc	.041							93. Subscapular Skinfold
62. Bitragion-Coronal Arc	.030							94. Juxta-Nipple Skinfold
63. Bitragion-Minimum Frontal Arc	.107							95. Back of Arm Skinfold
64. Bitragion-Subnasale Arc	.142							96. Mid/Axillary Line at Umbilical Skin Fold

No.	92. Ear Protrusion	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.059							.068
2.	Stature	.086	.14	.39 - 1.5	.6	.9	1.2	0.2992	0.7697
3.	Tragion Height	.083							.006
4.	Cervicale Height	.084							.053
5.	Suprasternale Height	.079							-.024
6.	Nipple (Chest) Height	.089							.013
7.	Waist height	.059							.069
8.	Penale Height	.035							.048
9.	Gluteal Furrow Height	.066							.084
10.	Crotch Height	.047							.054
11.	Patella Height	.090							.011
12.	Sitting Height	.076							.055
13.	Eye Height Sitting	.087							-.081
14.	Shoulder Height Sitting	.108							.067
15.	Elbow Rest Height	.015							.086
16.	Knee Height Sitting	.143							.058
17.	Popliteal Height Sitting	.060							.040
18.	Buttock-Popliteal Length	.075							.058
19.	Buttock-Knee Length	.086							.129
20.	Shoulder-Elbow Length	.141							.069
21.	Forearm-Hand Length	.081							.049
22.	Functional Reach	.043							.119
23.	Bideltoid Diameter	.102							.050
24.	Chest Breadth	.047							.118
25.	Waist Breadth	.056							.104
26.	Hip Breadth	.076							.178
27.	Chest Depth	.036							-.025
28.	Waist Depth	.048							-.002
29.	Buttock Depth	.074							.016
30.	Hip Breadth-Sitting	.094							.004
31.	Neck Circumference	.078							-.057
32.	Shoulder Circumference	-.015							
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitrignon-Coronal Arc								
63.	Bitrignon-Minimum Frontal Arc								
64.	Bitrignon-Subnasale Arc								
65.	Bitrignon-Menton Arc								
66.	Bitrignon-Submandibular Arc								
67.	Bitrignon-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitrignon Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	93. Subscapular Skinfold	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.516							.168
2.	Stature	-.030							.242
3.	Tragion Height	-.039							.138
4.	Cervicale Height	.005							.091
5.	Suprasternal Height	.015							.084
6.	Nipple (Chest) Height	-.024							.072
7.	Waist Height	-.072							.060
8.	Penale Height	-.091							.094
9.	Gluteal Furrow Height	-.020							.118
10.	Crotch Height	-.116							.211
11.	Patella Height	-.031							.082
12.	Sitting Height	-.028							.133
13.	Eye Height Sitting	-.038							.241
14.	Shoulder Height Sitting	.065							.029
15.	Elbow Rest Height	.084							.012
16.	Knee Height Sitting	.011							.014
17.	Popliteal Height Sitting	-.135							.020
18.	Buttock-Popliteal Length	.112							.110
19.	Buttock-Knee Length	.183							.016
20.	Shoulder-Elbow Length	-.013							-.019
21.	Forearm-Hand Length	-.056							-.034
22.	Functional Reach	-.009							.027
23.	Bideltoid Diameter	.380							-.077
24.	Chest Breadth	.400							-.059
25.	Waist Breadth	.550							-.011
26.	Hip Breadth	.378							.146
27.	Chest Depth	.517							.046
28.	Waist Depth	.593							-.002
29.	Buttock Depth	.594							
30.	Hip Breadth-Sitting	.472							.674
31.	Neck Circumference	.321							.559
32.	Shoulder Circumference	.463							.613
33.	Chest Circumference				.533		65. Bitragion-Menton Arc		
34.	Waist Circumference				.643		66. Bitragion-Submandibular Arc		
35.	Buttock Circumference				.538		67. Bitragion-Inion Arc		
36.	Buttock Circumference Sitting				.523		68. Head Length		
37.	Thigh Circumference				.538		69. Tragion to Wall		
38.	Lower Thigh Circumference				.380		70. Nasal Root to Wall		
39.	Calf Circumference				.305		71. Pronasale to Wall		
40.	Ankle Circumference				.204		72. External Canthus to Wall		
41.	Scye Circumference				.386		73. Head Breadth		
42.	Axillary Arm Circumference				.530		74. Bitragion Diameter		
43.	Biceps Circumference				.424		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.274		76. Bizygomatic Diameter		
45.	Wrist Circumference				.160		77. Bigonial Diameter		
46.	Sleeve Inseam				-.132		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.077		79. Interpupillary Distance		
48.	Gluteal Arc				-.057		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.333		81. Nasal Root Breadth		
50.	Interscye				.183		82. Nose Breadth		
51.	Interscye Maximum				.269		83. Lip Length		
52.	Foot Length				-.030		84. Menton-Subnasale Length		
53.	Foot Breadth				.005		85. Menton-Vortex Height		
54.	Hand Length				-.054		86. Head Height (Tragion to Vertex)		
55.	Hand Breadth				.016		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				.006		88. Nose Length		
57.	Thickness at Metacarpal III				.097		89. Nose Protrusion		
58.	Hand Circumference				.017		90. Ear Length		
59.	Hand Circumference at Thumb				.046		91. Ear Breadth		
60.	Head Circumference				.179		92. Ear Protrusion		
61.	Sagittal Arc				.051		93. Subscapular Skinfold		
62.	Bitragion-Coronal Arc				.047		94. Juxta-Nipple Skinfold		
63.	Bitragion-Minimum Frontal Arc				.114		95. Back of Arm Skinfold		
64.	Bitragion-Subnasale Arc				.165		96. Mid/Axillary Line at Umbilical Skin Fold		

No. 94. Juxta-Nipple Skinfold

Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
.47	.19	.08 - 1.1	.2	.5	.9	0.5022	-0.1814

1. Weight	.493	33. Chest Circumference	.505	65. Bitrignon-Menton Arc	.149
2. Stature	.005	34. Waist Circumference	.648	66. Bitrignon-Submandibular Arc	.238
3. Trignon Height	.002	35. Buttock Circumference	.537	67. Bitrignon-Inion Arc	.093
4. Cervicale Height	.052	36. Buttock Circumference Sitting	.539	68. Head Length	.043
5. Suprasternale Height	.049	37. Thigh Circumference	.525	69. Trignon to Wall	.075
6. Nipple (Chest) Height	.003	38. Lower Thigh Circumference	.376	70. Nasal Root to Wall	.044
7. Waist height	-.033	39. Calf Circumference	.286	71. Pronasale to Wall	.056
8. Penale Height	-.067	40. Ankle Circumference	.208	72. External Canthus to Wall	.095
9. Gluteal Furrow Height	.024	41. Scye Circumference	.351	73. Head Breadth	.118
10. Crotch Height	-.074	42. Axillary Arm Circumference	.474	74. Bitrignon Diameter	.223
11. Patella Height	.010	43. Biceps Circumference	.382	75. Maximum Frontal Diameter	.082
12. Sitting Height	-.007	44. Lower Arm Circumference	.246	76. Bizygomatic Diameter	.120
13. Eye Height Sitting	-.007	45. Wrist Circumference	.163	77. Bigonial Diameter	.219
14. Shoulder Height Sitting	.087	46. Sleeve Inseam	-.085	78. Biocular Diameter	.011
15. Elbow Rest Height	.077	47. Sleeve Length (Spine-Wrist)	.076	79. Interpupillary Distance	-.000
16. Knee Height Sitting	.056	48. Gluteal Arc	-.018	80. Interocular Diameter	-.032
17. Popliteal Height Sitting	-.106	49. Vertical T-tuck Circumference	.347	81. Nasal Root Breadth	-.032
18. Buttock-Popliteal Length	.159	50. Interscye	.168	82. Nose Breadth	.069
19. Buttock-Knee Length	.219	51. Interscye Maximum	.261	83. Lip Length	.015
20. Shoulder-Elbow Length	.029	52. Foot Length	.007	84. Menton-Subnasale Length	-.014
21. Forearm-Hand Length	-.027	53. Foot Breadth	.001	85. Menton-Vertex Height	-.097
22. Functional Reach	-.004	54. Hand Length	-.010	86. Head Height (Trignon to Vertex)	-.010
23. Bidentoid Diameter	.336	55. Hand Breadth	.029	87. Lip-to-Lip Distance	-.111
24. Chest Breadth	.385	56. Hand Breadth at Thumb	.005	88. Nose Length	-.045
25. Waist Breadth	.548	57. Thickness at Metacarpal III	.070	89. Nose Protrusion	-.005
26. Hip Breadth	.401	58. Hand Circumference	.029	90. Ear Length	.149
27. Chest Depth	.518	59. Hand Circumference at Thumb	.046	91. Ear Breadth	.026
28. Waist Depth	.607	60. Head Circumference	.119	92. Ear Protrusion	.016
29. Buttock Depth	.582	61. Sagittal Arc	-.013	93. Subscapular Skinfold	.674
30. Hip Breadth-Sitting	.474	62. Bitrignon-Coronal Arc	.049	94. Juxta-Nipple Skinfold	
31. Neck Circumference	.271	63. Bitrignon-Minimum Frontal Arc	.095	95. Back of Arm Skinfold	.569
32. Shoulder Circumference	.401	64. Bitrignon-Subnasale Arc	.145	96. Mid/Axillary Line at Umbilicus Skin Fold	.571

No.	95. Back of Arm Skinfold	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.357			.2	.4	.8	0.5799	0.0913
2.	Stature	-.016							
3.	Tragion Height	-.030							
4.	Cervicale Height	.024							
5.	Suprasternale Height	.003							
6.	Nipple (Chest) Height	-.026							
7.	Waist height	-.047							
8.	Penale Height	-.033							
9.	Gluteal Furrow Height	.009							
10.	Crotch Height	-.074							
11.	Patella Height	-.010							
12.	Sitting Height	-.028							
13.	Eye Height Sitting	-.049							
14.	Shoulder Height Sitting	.018							
15.	Elbow Rest Height	.014							
16.	Knee Height Sitting	.032							
17.	Popliteal Height Sitting	-.083							
18.	Buttock-Popliteal Length	.085							
19.	Buttock-Knee Length	.156							
20.	Shoulder-Elbow Length	.000							
21.	Forearm-Hand Length	-.014							
22.	Functional Reach	.038							
23.	Bideltoid Diameter	.207							
24.	Chest Breadth	.241							
25.	Waist Breadth	.389							
26.	Hip Breadth	.357							
27.	Chest Depth	.333							
28.	Waist Depth	.402							
29.	Buttock Depth	.477							
30.	Hip Breadth-Sitting	.405							
31.	Neck Circumference	.119							
32.	Shoulder Circumference	.265							
33.	Chest Circumference								
34.	Waist Circumference								
35.	Buttock Circumference								
36.	Buttock Circumference Sitting								
37.	Thigh Circumference								
38.	Lower Thigh Circumference								
39.	Calf Circumference								
40.	Ankle Circumference								
41.	Scye Circumference								
42.	Axillary Arm Circumference								
43.	Biceps Circumference								
44.	Lower Arm Circumference								
45.	Wrist Circumference								
46.	Sleeve Inseam								
47.	Sleeve Length (Spine-Wrist)								
48.	Gluteal Arc								
49.	Vertical Trunk Circumference								
50.	Interscye								
51.	Interscye Maximum								
52.	Foot Length								
53.	Foot Breadth								
54.	Hand Length								
55.	Hand Breadth								
56.	Hand Breadth at Thumb								
57.	Thickness at Metacarpal III								
58.	Hand Circumference								
59.	Hand Circumference at Thumb								
60.	Head Circumference								
61.	Sagittal Arc								
62.	Bitragion-Coronal Arc								
63.	Bitragion-Minimum Frontal Arc								
64.	Bitragion Subnasale Arc								
65.	Bitragion-Menton Arc								
66.	Bitragion-Submandibular Arc								
67.	Bitragion-Inion Arc								
68.	Head Length								
69.	Tragion to Wall								
70.	Nasal Root to Wall								
71.	Pronasale to Wall								
72.	External Canthus to Wall								
73.	Head Breadth								
74.	Bitragion Diameter								
75.	Maximum Frontal Diameter								
76.	Bizygomatic Diameter								
77.	Bigonial Diameter								
78.	Biocular Diameter								
79.	Interpupillary Distance								
80.	Interocular Diameter								
81.	Nasal Root Breadth								
82.	Nose Breadth								
83.	Lip Length								
84.	Menton-Subnasale Length								
85.	Menton-Vertex Height								
86.	Head Height (Tragion to Vertex)								
87.	Lip-to-Lip Distance								
88.	Nose Length								
89.	Nose Protrusion								
90.	Ear Length								
91.	Ear Breadth								
92.	Ear Protrusion								
93.	Subscapular Skinfold								
94.	Juxta-Nipple Skinfold								
95.	Back of Arm Skinfold								
96.	Mid/Axillary Line at Umbilical Skin Fold								

No.	96. Mid/Axillary Line at Umbilicus Skinfold	Mean	S. D.	Range	2nd Percentile	Median	98th Percentile	Skewness	Kurtosis
1.	Weight	.539							.134
2.	Stature	.044							.251
3.	Trigone Height	.046							.140
4.	Cervicale Height	.058							.038
5.	Suprasternale Height	.099							.157
6.	Nipple (Chest) Height	.048							.076
7.	Waist height	.029							.026
8.	Penale Height	.035							.053
9.	Gluteal Furrow Height	.026							.092
10.	Crotch Height	.007							.153
11.	Patella Height	.033							.132
12.	Sitting Height	-.002							.272
13.	Eye Height Sitting	-.004							.324
14.	Shoulder Height Sitting	.023							.029
15.	Elbow Rest Height	.091							-.078
16.	Knee Height Sitting	.010							-.117
17.	Popliteal Height Sitting	-.029							-.013
18.	Buttock-Popliteal Length	.143							-.003
19.	Buttock-Knee Length	.207							-.097
20.	Shoulder-Elbow Length	-.072							-.076
21.	Forearm-Hand Length	.013							-.023
22.	Functional Reach	.124							-.051
23.	Bideltoid Diameter	.330							-.076
24.	Chest Breadth	.375							-.125
25.	Waist Breadth	.532							-.035
26.	Hip Breadth	.454							.088
27.	Chest Depth	.442							.024
28.	Waist Depth	.550							-.057
29.	Buttock Depth	.524							.613
30.	Hip Breadth-Sitting	.389							.571
31.	Neck Circumference	.274							.481
32.	Shoulder Circumference	.525							
33.	Chest Circumference				.506		65. Bitracion-Menton Arc		
34.	Waist Circumference				.625		66. Bitracion-Submandibular Arc		
35.	Buttock Circumference				.591		67. Bitracion-Inion Arc		
36.	Buttock Circumference Sitting				.536		68. Head Length		
37.	Thigh Circumference				.592		69. Tracion to Wall		
38.	Lower Thigh Circumference				.419		70. Nasal Root to Wall		
39.	Calf Circumference				.339		71. Pronasale to Wall		
40.	Ankle Circumference				.221		72. External Canthus to Wall		
41.	Soye Circumference				.364		73. Head Breadth		
42.	Axillary Arm Circumference				.610		74. Bitracion Diameter		
43.	Biceps Circumference				.449		75. Maximum Frontal Diameter		
44.	Lower Arm Circumference				.318		76. Bizygomatic Diameter		
45.	Wrist Circumference				.195		77. Bigonial Diameter		
46.	Slcve Inseam				-.058		78. Biocular Diameter		
47.	Sleeve Length (Spine-Wrist)				.165		79. Interpupillary Distance		
48.	Gluteal Arc				-.015		80. Interocular Diameter		
49.	Vertical Trunk Circumference				.398		81. Nasal Root Breadth		
50.	Interscye				.225		82. Nose Breadth		
51.	Interscye Maximum				.371		83. Lip Length		
52.	Foot Length				.045		84. Menton-Subnasale Length		
53.	Foot Breadth				-.141		85. Menton-Vertex Height		
54.	Hand Length				-.122		86. Head Height (Tracion to Vertex)		
55.	Hand Breadth				-.073		87. Lip-to-Lip Distance		
56.	Hand Breadth at Thumb				-.036		88. Nose Length		
57.	Thickness at Metacarpal III				.053		89. Nose Protrusion		
58.	Hand Circumference				-.085		90. Ear Length		
59.	Hand Circumference at Thumb				.040		91. Ear Breadth		
60.	Head Circumference				.138		92. Ear Protrusion		
61.	Sagittal Arc				.148		93. Subscapular Skinfold		
62.	Bitracion-Coronal Arc				.098		94. Juxta-Nipple Skinfold		
63.	Bitracion-Minimum Frontal Arc				-.011		95. Back of Arm Skinfold		
64.	Bitracion-Subnasale Arc				.070		96. Mid/Axillary Line at Umbilicus Skin Fold		

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